

NTU  
**Design Industries**  
2022

BSc (Hons) Product Design

We are designers, makers, creators, and innovators. Our origins are distinct, our paths destined to diverge, yet we are each unified by our studies at Nottingham Trent University.

We work collaboratively to support our individual and collective goals. Made stronger by our differences, we develop together in an encouraging and enthusiastic environment.



We embrace the change our modern world demands, pioneering new ways of work to face these challenges head-on. We are a constant voice of sustainability; culturally, socially, and environmentally, this is paramount in our practice.

The community we have created is one of resilience and optimism. Despite great uncertainty, we stand stronger as a collective, to define a new chapter in our discipline.

We are NTU Design Industries 2022.





**James Dale**

Head of Product Design

A handwritten signature in dark ink, appearing to read 'James Dale', written in a cursive style.

The start of this academic year coincided with an important anniversary, the publication 50 years ago of Victor Papanek's seminal 'Design for the Real World'. Papanek was a firebrand in advocating responsible design, not just in terms of sustainable and environmental consciousness, but in design that set out to aid all society, design that was truly inclusive, democratic and that put real people at the heart of design decision making. 50 years on I wonder what Papanek would make of his own legacy? It seems to me, that his work and vision is even more vital than before, much has already been achieved, but there is still so much more to do. Papanek himself was a refugee from the fascism that engulfed Europe in the middle of the 20th Century, his experiences inspired his politics and drive to ensure that design should be a power for good, that would propel us towards 'a practical vision of a new age of morally responsible design'. In these difficult times, with so many challenges facing us, we should spare a thought for what Papanek set out to achieve and ensure that it doesn't take another 50 years before his vision of social and environmental change comes to pass.

I know that many of this year's graduates share Papanek's vision and ambition, they are extremely conscious of the world for which they design and want to see that as a better, safer place where we live in balance with nature and our neighbours. My advice to you all is not to stop dreaming of that future, but to embrace the ambition and get to work.



# PRODUCT DESIGN

## BSc (HONS)

Our BSc (Hons) Product Design course at Nottingham Trent University concentrates on the design of products for manufacturing, digital, industrial, electronics and medical applications, placing technology and scientific advancement at the core of the design process.



## Joseph Stewart

Course Leader, Product Design BSc (Hons)

As your undergraduate degree studies reach cessation, it is important to take the time to reflect upon your personal journey; not just over the past year, but the duration of your time at Nottingham Trent University (NTU).

Your time at NTU began with a focus upon core design skills and material and manufacturing appreciation in Year 1. In Year 2, you took part in a series of live projects, a diverse guest lecture series, and a fun-filled Cultural Trip to Barcelona. Some of you then went on to complete a placement year or the PIPs scheme. Lastly, Final Year project work, which this year includes some intriguing and engaging outcomes: an innovative seaweed farming system, sustainable footwear, and a protective wearable for snow sports, to name but a few.

Who knows what the next stage of your journey will entail. Perhaps a graduate role in product development, design engineering, manufacturing, or even postgraduate study? Whatever the future holds, I hope that as graduates you recognise the broad range of transferable skills you possess, and subsequently move forward with confidence, diligence, and proficiency.

As the BSc (Hons) Product Design 'Class of 2022', you have overcome the adversity of a global pandemic to get to this point. In spite of this and other challenges, you have acquitted yourselves effectively and professionally throughout, for which I applaud each and every one of you.

"Education is a passport to the future, for tomorrow belongs to those who prepare for it today." – Malcolm X



## Class of 2022 — Product Design BSc (Hons)



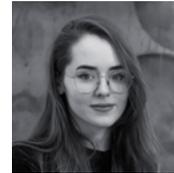
Stanley Allwood



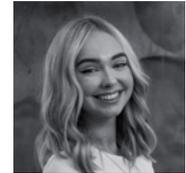
Clinton Simon  
Anaso



Henry Belsham



Charlotte  
Bradford



Ellen Burke



Joshua Capito



William Clark



Thomas Dryden



Oliver  
Ferneyhough



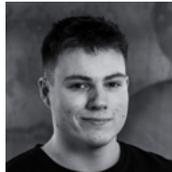
Freya Robinson



Louis Glibbery



Nanzio Griffin



Philip Harrocks



Jordan Hudson



Mutsawashe  
Kadungure



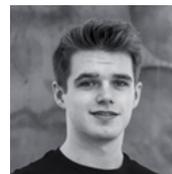
**Claudine Khalil**



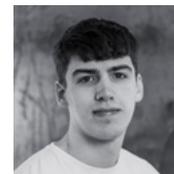
**Jack Kiddy**



**George Nicklin**



**Harvey  
Richardson**



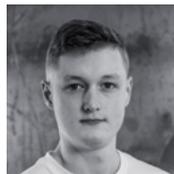
**Josh Robinson**



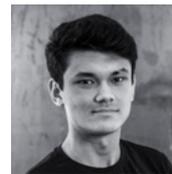
**Angelos Rousou**



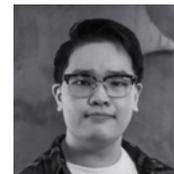
**Aman Sakhrani**



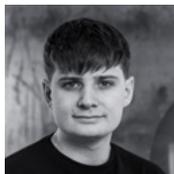
**Tom Sawkins-  
Pugh**



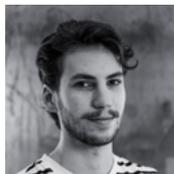
**Matthew  
Sweatman**



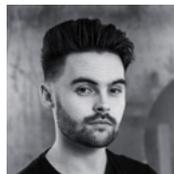
**Anson Tang**



**Luke Vogler**



**Luca Williams**



**Sam Wood**



## Stanley Allwood

I aspire to use design as a way to benefit the wellbeing of people and the environment. Using a variety of design methodologies, I have created a range of assistive products.

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## NARRATE

In the UK, it is estimated that one in five children cannot read well by the age of eleven. Narrate is a portable literacy pen that helps children define words and actively engages them in learning.

The product comes in a variety of languages and helps children overcome the challenges of learning to read by providing instant access to quality education.





## LICENTIA

Parkinson's disease is an incurable illness that affects around 10 million people worldwide. This project looked at ways of improving everyday life for these people, through the use of a key assistant.

Licentia aids in the process of placing and turning a key. A wide range of users who may have motor function disabilities can benefit from this product.





## Clinton Simon Anaso

I am a designer with an interest in the development and innovation of medical products. After my education I would like to follow a career path in the design and manufacturing of medical products, as they are a fundamental component to the health care industry, and essential in the treatment and diagnosis of conditions.

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## PLASTIC MEDICAL WASTE BIN

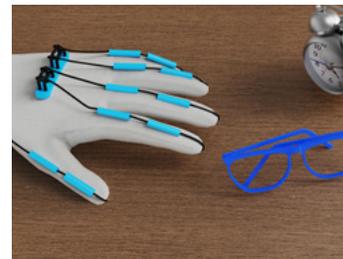
Nera-BinTech is a medical disposal bin made out of recycled plastic that waste disposal staff can use in hospitals. It exploits the longevity and durability of plastics by allowing recycling to be implemented, minimizing the impact that clinical waste has on the environment.





## STROKE AID SPASTICITY GLOVE

Motion-ExoStop is a spasticity glove, used during the night, maintaining progress gained from physiotherapy by preventing the hand from regressing to its spastic form.



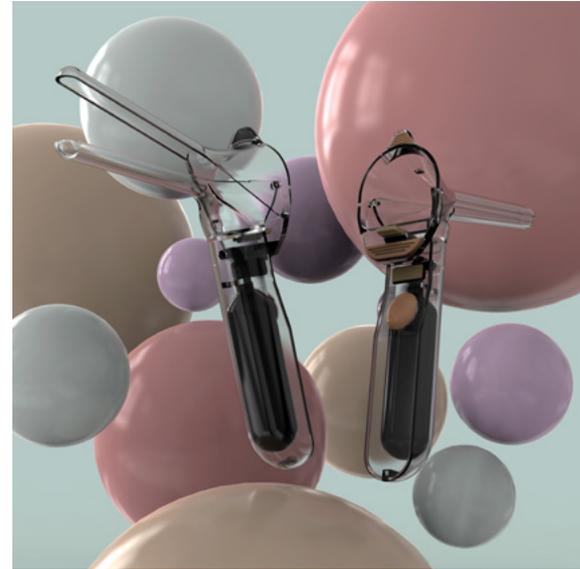


## Henry Belsham

I am an open-minded, adaptable designer, who constantly aims to challenge myself when undertaking new projects. Throughout my time on this course, I've had the opportunity to work on a wide variety of projects, exploring my interests. The ones that have stood out for me are the concepts where I had to approach the task in a new way, enabling me to understand different perspectives. I feel that this is the most important aspect of design.



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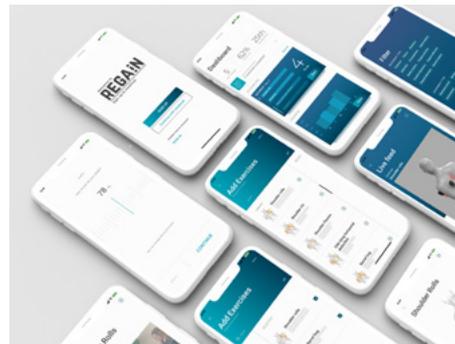
## INSPEC

Inspec is a new concept for an inflatable speculum, used for examining the cervix. My design uses an inflatable sleeve, which, when fully inflated, creates a comfortable soft cylinder that retracts the sidewalls, allowing a clear view of the cervix. Added features such as a ratchet, a large ergonomic handle, and extra grip platforms will enable the user to have extra control, minimising the risk of slipping and hurting the patient.



## REGAIN

REGAIN is a physiotherapy tool designed to prevent recurring shoulder injuries in rugby. The provided vest and sensors will track shoulder placement and show the patient a live feed, allowing them to perform exercises correctly. REGAIN gives the patient a programme to follow, ensuring that they are more engaged in their recovery and allowing them a quick and safe return to playing rugby.





## Charlotte Bradford

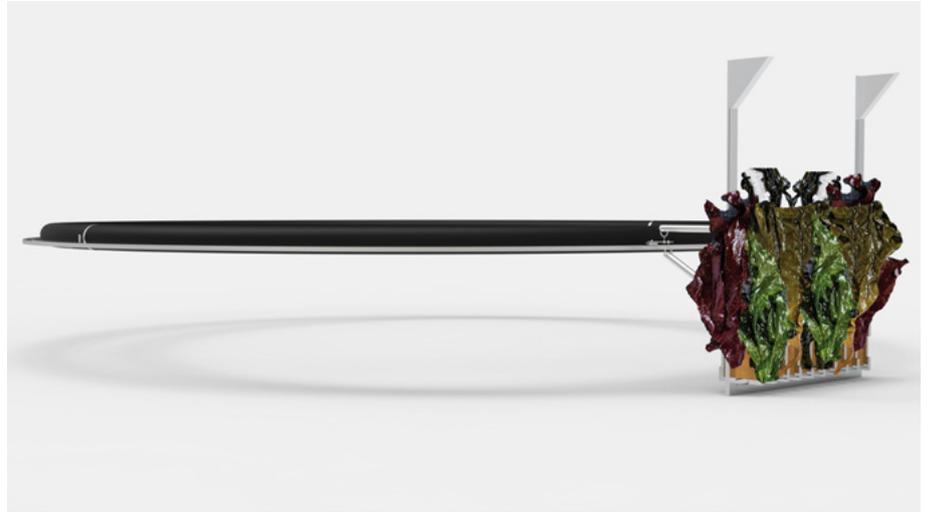
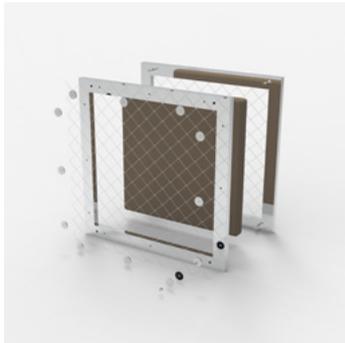
With a passion for innovation and conscious design, I am driven by change for a positive future. My work reflects this, spanning from packaging to infrastructure and much more.

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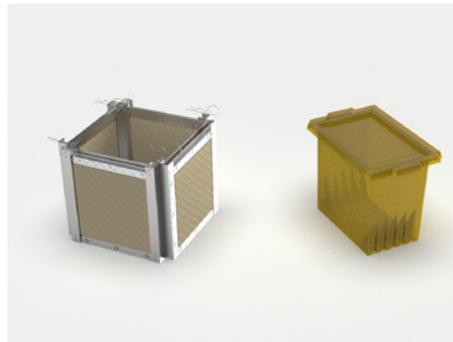
## MILK BOTTLE RE-DESIGN

With milk waste being responsible for 2 million tonnes of CO<sub>2</sub> each year, the bottle redesign looks to improve the longevity of milk in order to save 83,000 tonnes a year through improved SA:V, a thermochromic label feature and improved fridge placement.



## NAUTICAL GREEN

Nautical Green focuses on improving the ease of germination and harvest of seaweed in commercial settings. The products and service aim to help get the maritime industry to net-zero in-line with government time frames, while helping purify and repopulate the oceans.





## Ellen Burke

I am a sustainability and socially-driven designer who is passionate about creating change through my work. I hope to improve access to the design industry for others.

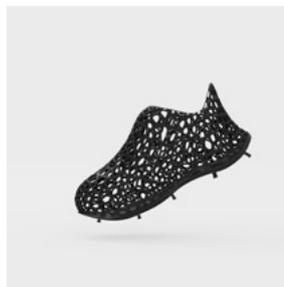
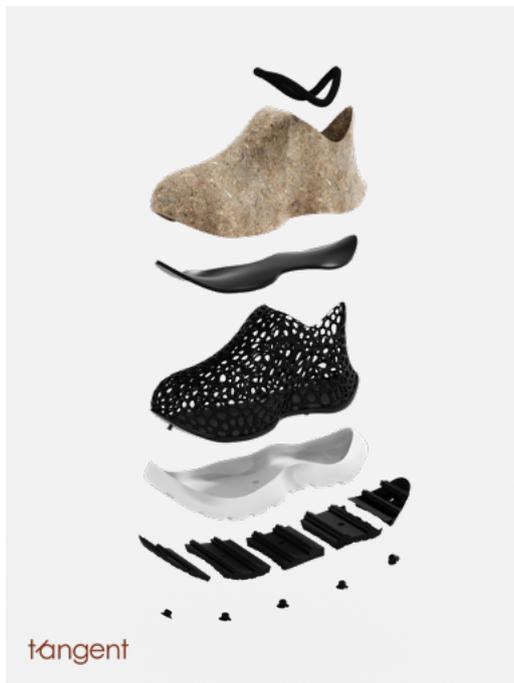


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## THE QUIRKY CROP

The Quirky Crop is a three-part system (a bag, app and service) that increases accessibility to fresh produce by connecting consumers directly to farmers in their local area. Consumers are encouraged to support local businesses and eat seasonally to reduce food waste.



## TANGENT

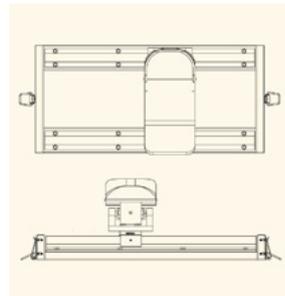
Tangent is a modular shoe that can be entirely deconstructed, repaired, and updated by the consumer at home. Tangent promotes the concept of circular design, emphasising repair over re-purchase, paving the way for a more sustainable future in the footwear industry.



## Joshua Capito

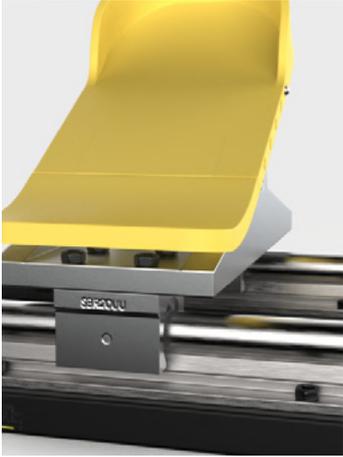
Growing up with the passion for sports and fitness through family and friends has greatly influenced me as a designer, primarily giving my projects a focus on sports and biomechanics. I thrive to learn about the various influences sports have on the human body.

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## AXIS SLIDING BOARD

Basketball is a dynamic sport that challenges mobility, coordination, confidence, and other factors that reflect on an athlete's sports performance. AXIS is a sliding board designed primarily to develop ankle proprioception, enhance athletic performance and reduce injuries, by reciprocating specific basketball biomechanics in a bespoke training device.





## William Clark

After starting sports coaching at a young age, I discovered that I was an energetic, people-oriented person with a positive, outgoing personality. I am passionate about design that encourages new opportunities and accessibility for everyone. The projects that I thrive on revolve around advancements in current sporting tech and encouraging engagement through fun, innovative methods.

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## STORY TILES

Story Tiles was first conceptualised during the COVID pandemic. The project was driven by the negative effect on children's language development skills, throughout the lockdown period. Story Tiles is a fun, interactive way for children to use their imagination by linking images and creating a narrative in an engaging way, furthering education at home.



## PALLAS PADEL

Padel Tennis is currently the fastest growing sport across the globe, with lots of opportunities for innovation. The Pallas Padel aims to increase the longevity of the racket by implementing a replaceable bumper guard which is designed to withstand impact.



## Thomas Dryden

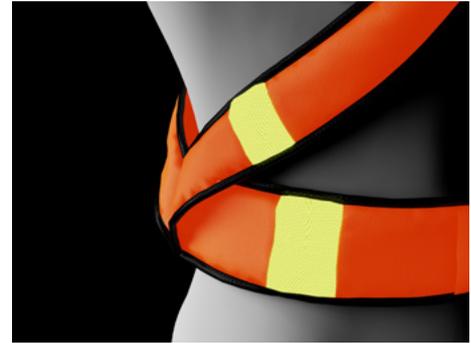
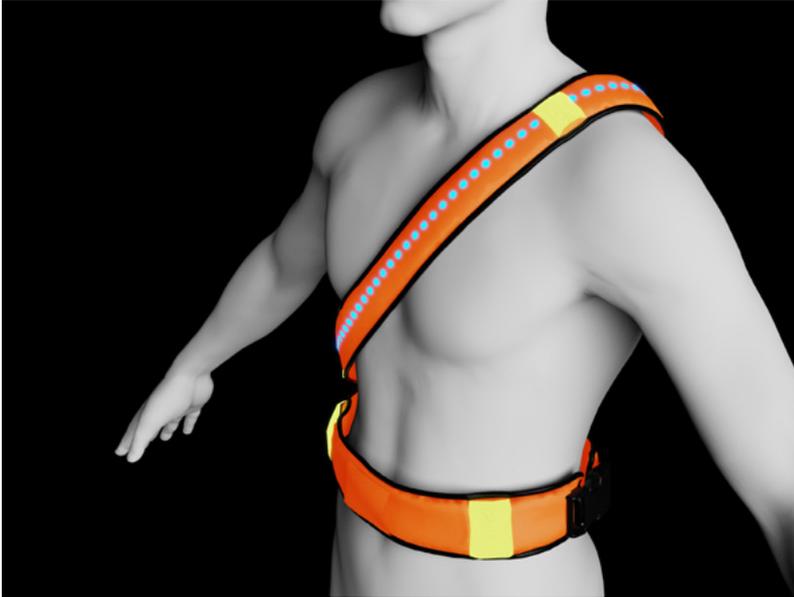
I am a Product Designer with a keen interest in motorsport design and technology. Product function and sustainability are at the forefront of my design process, and also to create innovative solutions to challenging problems.

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## ‘SAFE SPACE’

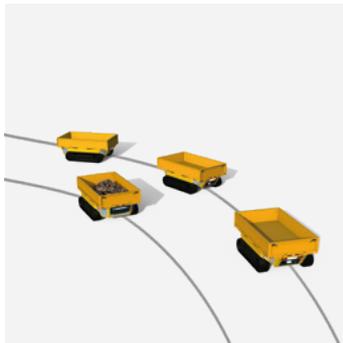
My final year outcome is a wearable device for race marshals which tracks the position of the user, to ensure they stay in a safe location. It uses Bluetooth modules to triangulate position and alerts the user if and when they move into an unsafe zone on the racing circuit.





## Oliver Ferneyhough

I am a keen and passionate designer, interested in problem solving and CAD. I enjoy developing new, fun and interesting ways for products to work, along with prototyping and testing new concepts.



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## TRANSPORTATION DRONE

This is a drone system designed for transporting materials and product around construction or green sites. It is aimed at reducing the strain on the workforce and the need for temporary access roads to be built.



## CHECKPOINT

CheckPoint is a small safety device tag which attaches to your rucksack or keys. It is designed to help increase safety within remote locations by regularly logging the user's location at key hubs, allowing for a smaller search area in the event of an emergency.



## Louis Glibbery

Whether designing or problem solving, I believe the user should be at the heart of all design decisions.

I like working in a team as when you all strive for the same goal, the product will ultimately be of a much higher quality.



## PULP

A re-fillable toothpaste dispenser, combatting the issue of 1.5 billion toothpaste tubes ending up in landfill each year.

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## CANVAS

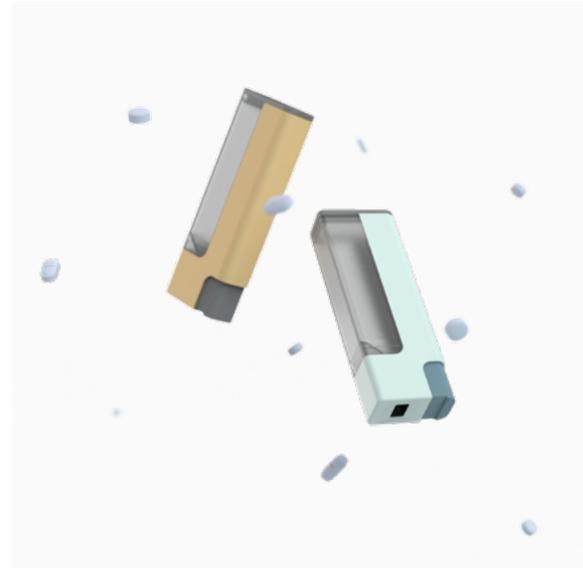
When autonomous vehicles are commercialised, the optimisation of the interior space will be crucial. Canvas is a complete re-design of the interior layout, to maximise productivity and comfort in a self-driving car.



## Nanzio Griffin

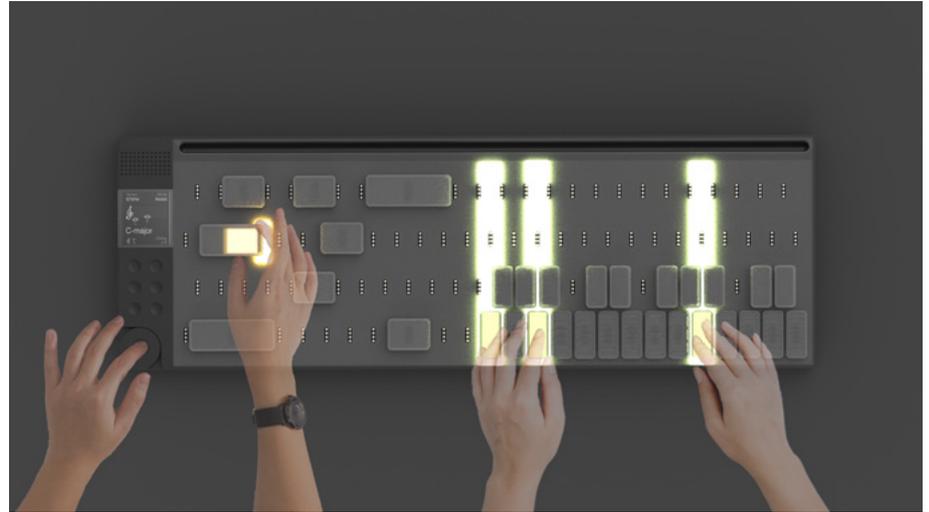
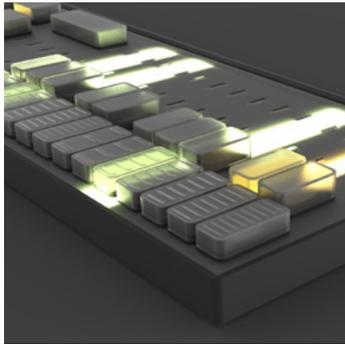
I am a versatile, Cardiff-born designer that is user-focused and aims to form holistic and seamless solutions. I strive to help society advance in the right direction, granting everyone the right to contribute to the world around them, fulfilling their potential. I have always had a fond passion toward various methods of creation; product design is the ideal outlet for my creativity.

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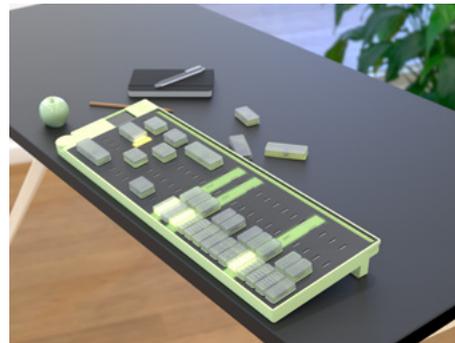
## MEDIWAY

MEDIWAY is a self-service repeat prescription service to help relieve pharmacists of time-consuming processes, to focus on the patient's well-being. The system is made up of a handheld dispensing vessel for medication, an autonomous machine that fills the handheld device, and an app to help consumers track health medication and progress.



## ILUMINOTE

Inspired by personal experiences of being a CODA (child of a deaf adult) and my passion for music, the ILUMINOTE is a modular MIDI controller that makes use of more than just the auditory sense. With tactile, haptic, and visual representation of audio frequencies, this allows users of varied hearing capabilities to better understand, create, collaborate, and flourish with friends and peers.

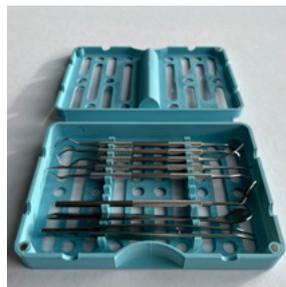
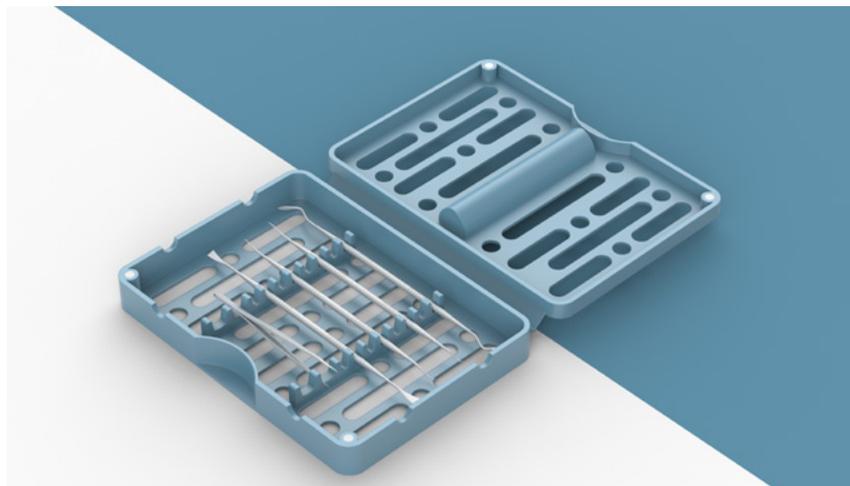




## Philip Harrocks

I am a detail-orientated designer driven to create user-centred solutions, solving real problems. Through experience within the medical device industry, I consistently aim to grow a deeper understanding of the user, their circumstances and their needs to design highly-usable products.

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## CASSY

An accessible and durable dental cassette for the developing world. Through a simple design, Cassy is easy and cheap to manufacture and distribute. It supports remote dental surgeries who need it most, allowing them to re-invest the saving gained into their patients.



## REGEN

Smell training is a medically-recommended treatment for smell loss. It consists of smelling four strong scents, twice-daily, is done with large glass jars, and is viewed as a chore. Regen offers a user-friendly approach. Through removing the frustrations associated common smell training kits, Regen changes the perception of smell training, helping the user regain their senses faster.



## Jordan Hudson

Holistic, diverse and design-driven. My problem-solving approach utilises cultural nuances, functionality, and my unequivocal desire to create emotionally rich designs. Being a dynamic and energetic creative engineer, I use a multidisciplinary approach to meet the demands of each contemporary project.



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## CRATEIT

Crateit is a system design that connects local producers to conscious-minded consumers. By reducing the food supply chain to a local operation, grocery shoppers can conveniently order fresh local produce on demand.



## TREE HARVEST AI FLEET SYSTEM

This autonomous fleet system uses the latest sensors and deep learning technology to create intelligent flight paths for harvesting fruit trees. Farmers can install a wireless charging station that allows these drones to fully charge in under a few minutes, while still in flight.



## Mutsawase Kadungure

Though cliché, the following is true. I am an aspiring designer whose goal is to use design skills learned in my degree to address societal issues, to have a positive environmental impact, now and in the future.

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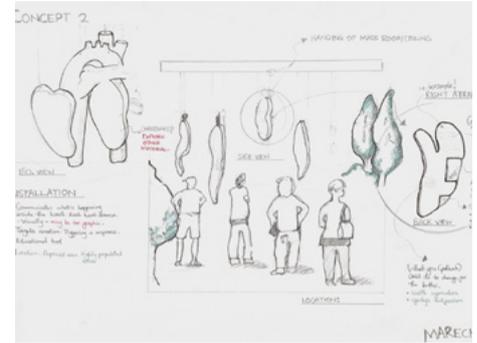
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## A HEALTHY HEART

‘A HEALTHY HEART’ was a project that aimed to address issues surrounding non-communicable diseases, specifically cardiovascular disease. The result was a campaign supported by an art installation that would be seen by the community, allowing the possibility of creating a topic about heart diseases, particularly in deprived areas.







## Claudine Khalil

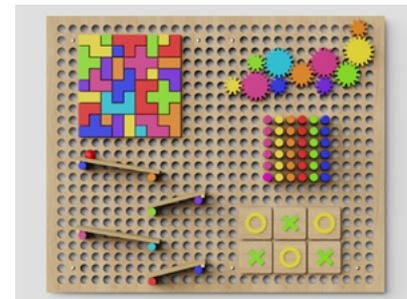
A creative, enthusiastic designer committed to making a difference to the world through innovative solutions. I am driven, diligent and constantly seeking opportunities to acquire new skills, to develop myself further as a professional designer.

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## PEGGLE

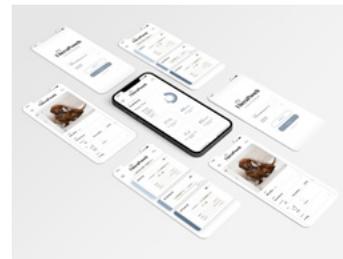
An adaptable, sustainable toy designed to enhance STEM skills in children aged 3-7 years old. Peggle offers a wide variety of plug-in games varying in complexity, with a focus around providing mental stimulation and playful learning. This project aims to inspire and encourage young girls into developing an interest in STEM.





## THERAPOOCH

Separation anxiety is a common issue affecting dogs and owners alike. TheraPooch is a dog bed featuring vibration technology, which can de-stress and produce a calming effect in dogs. Owners can stay connected with their pooches, track therapy goals and view insights through an app, wherever they may be.





## Jack Kiddy

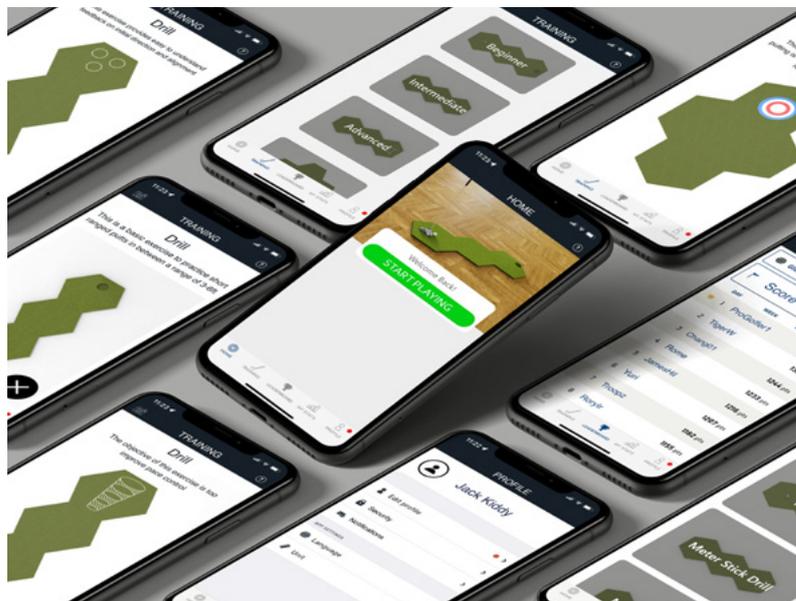
I am a young designer who has a passion for sport and design. Some of my experiences include working as a designer for companies such as Professional Sound Consultancy and Tee Time Clothing, where I started my own golf clothing brand, during my placement year.



## GREEN BOWL

This product aims to help tackle food waste, particularly fresh produce, produced in households. This salad bowl offers an alternative packaging to bagged salad. In the UK, 178 million bags of salad are wasted every year. Green Bowl offers portion-controlled servings with recipe suggestions. The packaging is 100% recyclable and made from PET plastic through thermoforming.





## HEXTEK

Hextek offers a brand new perspective on putting practice. A putting mat unlike any other, Hextek includes an application running in conjunction with the product that features instructions on setup, training, drills, games, statistics and much more. The putting mat is aimed at amateur golfers looking to improve their putting performance to achieve better scores on the putting green.





## George Macdonald

I'm an enthusiastic and diligent individual who's constantly striving to improve, expand and consolidate my skillset. I am a compassionate and committed person who would make a valued contribution to a workforce.

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george-macdonald21



## TISSINO SMART MIRROR

Despite being high quality, the TISSINO mirror and cabinet designs do not stand out on the market. This product offers a contemporary design, with a privacy cabinet and magnetic toothbrush holders for the consumer.



## FORTY·FIVE



### VINYL TRAVEL BAGS

Modularity, along with added stability, enables the product to be more than just a transportation bag. The possibility of utilising both bags simultaneously or individually offers a contemporary & functional product for DJs. The result is a stylish, practical, and hard-wearing shoulder carry bag.



## George Nicklin

Enthusiastic product designer with over a year's work experience in product prototyping and graphic design.

Specialising in SolidWorks and 3D modelling, my aim is to put my skills into practice during future projects, demonstrating the key design stages required to make a product from scratch.

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## DISTRICT 3D

District 3D is a printed learning resource for Key Stage 3,4 and 5 design students. Its aim is to improve the quality of teaching and inspire young students to design and make their own 3D printed projects, that can be added to the collaborative space.





## WHIP

Whip is a packaging solution aimed at reducing the amount of household food waste. This product utilises resealable packaging as well as vacuum packaging to preserve raw meats for longer. The simple clip mechanism offers users the benefit of hanging their items to improve accessibility and storage efficiency.

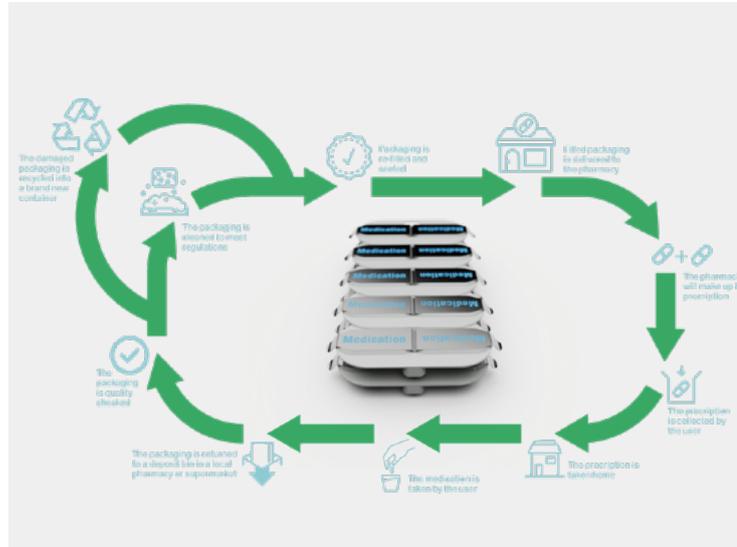




## Harvey Richardson

A hard-working design graduate with an interest in technical design and exploring new areas. I hoped to use my final year projects to explore new areas and showcase a wide range of skills.

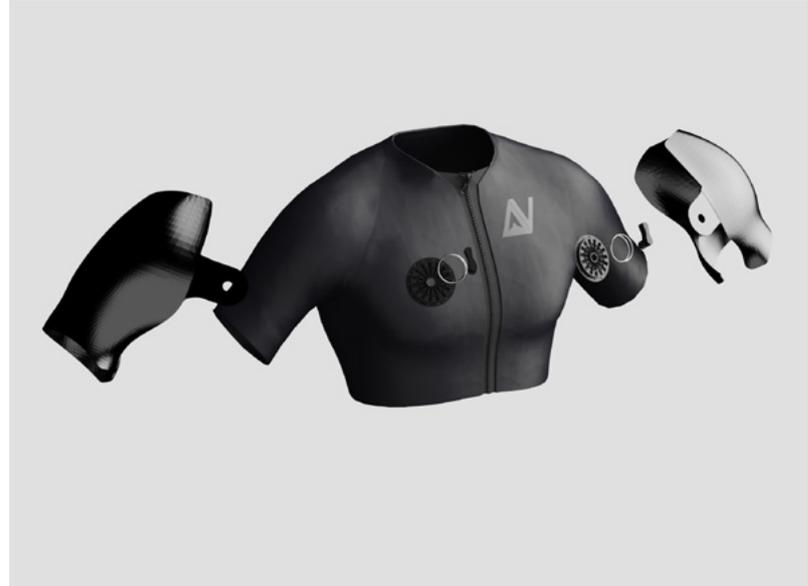
[linkedin.com/in/harvey-richardson](https://www.linkedin.com/in/harvey-richardson)  
Harvey.J.Richardson@Outlook.com



## PILL PAK

Pill Pak is a reusable packaging solution for prescription medication. Offering a reusable and modular pill container to replace blister packaging which is not widely recycled, resulting in a large amount of material waste.





## SHLDR BRACE

A lightweight and effective shoulder brace, focused for use on the mountain while snowboarding. Better protection of the shoulder joint is offered through compression and impact resistance, whilst being small in size. A lockout feature isolates the joint in the case of an injury.





## Freya Robinson

For me, design is about the ideas, forming connections between seemingly irrelevant bits of information in order to fully understand and address a problem. My designs focus on pushing forwards, with an inherent consideration of Cradle to Cradle principles, whilst always trusting the process.

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## NIA

NIA is a reusable sharps bin, universally compatible with hollow bore needles, designed to address rising rates of sharps injuries in nurses, after the procedure, during disposal. Designed for sub-optimum conditions, the product reduces the risk of needle sticks by facilitating on-site access to safe disposal, where the internal mechanism isolates the needle hub from the barrel.





## HYPH

To address issues caused by the uneven loading of trains, HYPH tiles determine the quantity of passengers and available space on a train's carriages. Each tile comprises a piezoresistive pressure sensitive matrix, held together by an outer shell of mycelium fungi, to facilitate minimal end-of-life environmental impact.





## Josh Robinson

I am a product design student who loves to solve problems. I particularly enjoy integrating innovative technologies and solving global issues.

I love to hone new skills on various design software and packages.

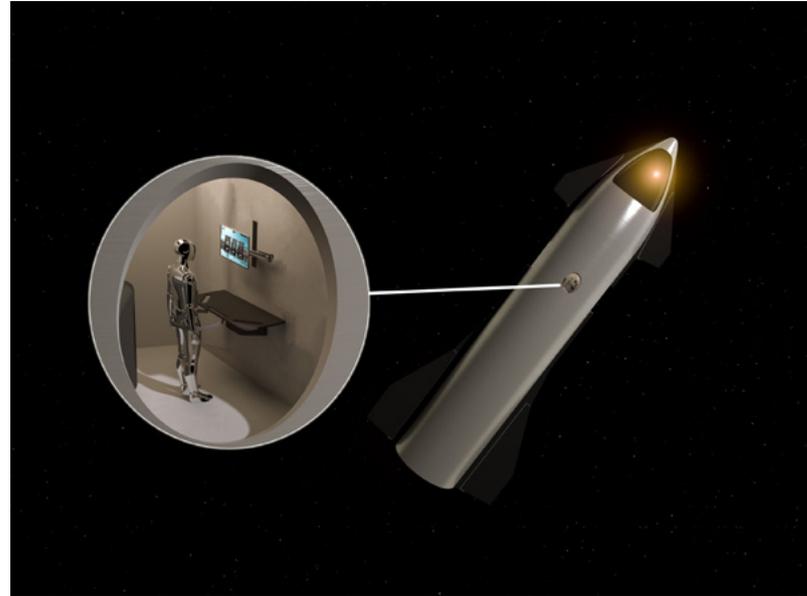


## AUTONOMOUS WEEDING DRONE

Herbicides are a huge problem on farms, infiltrating groundwater systems and killing wildlife and ecosystems. This drone utilizes RootWaves Electricide technology and AI to autonomously deal with weeds efficiently, and in an environmentally-friendly manner.

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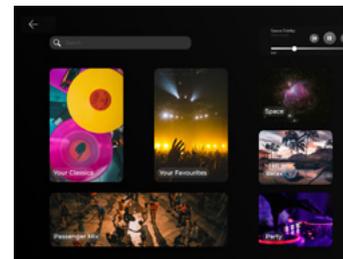




## CREW CABIN INTERFACE

The Crew Cabin Interface is designed to help space tourists on future space tourism missions, to cope with feelings of isolation. This is achieved via an integrated UI system in the crew cabin area.

My aim was to design a product to go inside an existing commercial space vehicle, to adhere to current real-world constraints of spaceflight.





## Angelos Rousou

After studying abroad, I have an ambition to approach design with a worldview, to create across cultures. With a passion for form exploration, I aspire to create products that spark wonder for their users, invoking deep connections; the same way I admire and find inspiration within my environment.



## EARTH SALADS

Earth Salads is a to-go salad brand which segments ingredients for freshness. When ready to eat, the product is mixed with a simple shake for a perfect meal. An interlocking seal removes the need for stickers or non-recyclable films, encouraging reuse and eventual recycling.

[angelosrousou.com](http://angelosrousou.com)  
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[linkedin.com/in/rousou](https://www.linkedin.com/in/rousou)  
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## AFFINITY FLOOR LAMP

Affinity is biodynamic and interactive, designed to rekindle your relationship with light. The hue is automatically adjusted given the time of day to match nature, while rotating the orb diffuser controls the brightness, from off to full power in the palm of your hand.



Aman Sakhrani

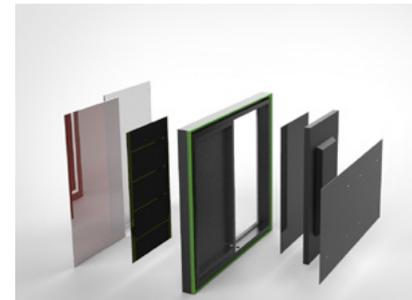
I am a product designer who loves problem solving through creativity. Studying at NTU has given me the abilities needed to turn my conceptual ideas into tangible reality.



## SMART MIRROR

This Smart Mirror was created in response to a brief by Tissino, which was directed at high-end hotels. This product features a two-part mirror where one side doubles as a tactile user interface, giving the user full control to the room and hotel amenities.

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## MODERO

Modero is a hydraulic braking system for traditional longboards. This product can be fitted onto any longboard and gives the rider the ability to regulate speed, without having to use conventional methods that can be complex for the user or destructive to footwear. This product aims to make longboarding a safer form of travel.





## Tom Sawkins-Pugh

I am an ambitious designer, open to any challenge that offers the opportunity to create an innovative solution. Throughout my final year, I have endeavoured to assist people with their personal challenges, through the power of design.

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## BREATHE EASY

The Breathe Easy is an ergonomic inhaler designed to help people who suffer from Osteoarthritis. The product aims to make the experience of administering the dosage as easy as possible.





## GET HOOKED

Get Hooked is a system that encourages the young generation of anglers to continue fishing through competition, further improving their mental health. It is an attachment that fits all landing nets, which collects the weighing data and converts it into points for a local leaderboard.

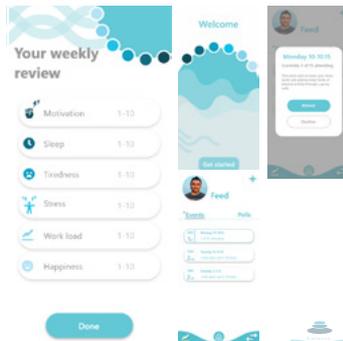
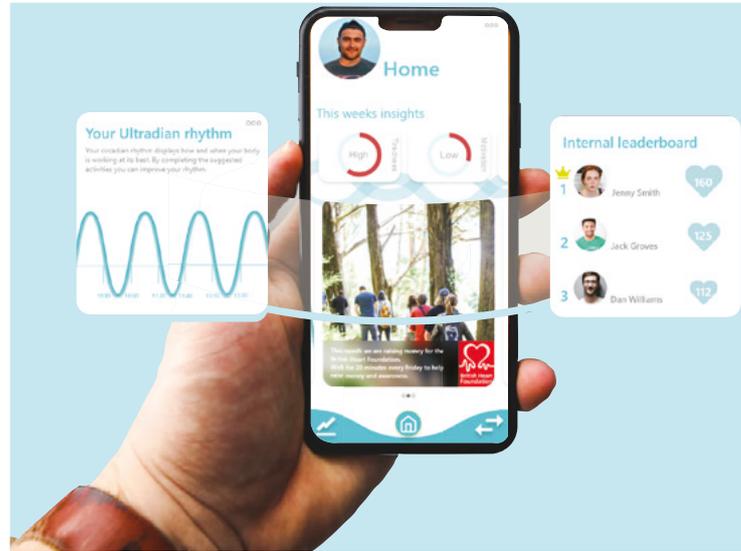




## BEN SLEVIN

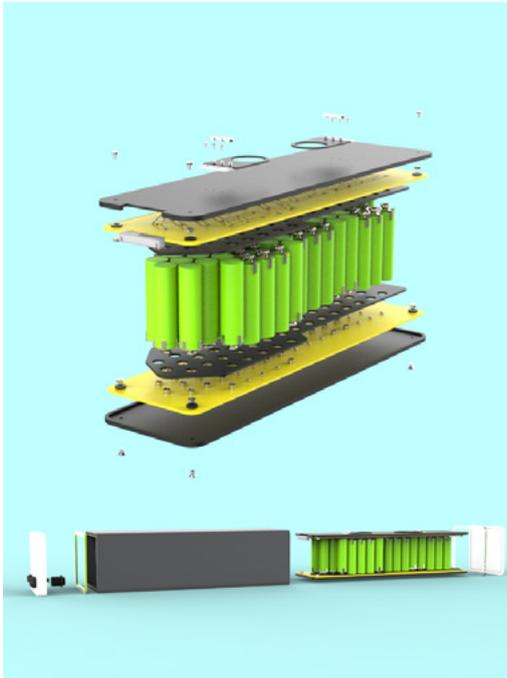
Product Design (BSc) student with an interest in design engineering. This year has been a brilliant opportunity for me in all design aspects, as displayed throughout my projects.

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slevinjnr@hotmail.com



## BALANCE

A wellbeing app specifically for medium-sized enterprises. Balance uses the body's natural Ultradian rhythm to ensure a healthy, happy workspace.



## E-BIKE BATTERY PACK

A modular 48V E-bike battery pack designed for seamless second life cell repurposing. This circular design is suitable for a range of other applications. It aims to reduce overhead costs for businesses through repurposing used E-bike batteries into Energy Storage Systems.



## Matthew Sweatman

I am an industrial designer with a keen eye for design, solving existing issues people may habituate on a daily basis. My area of expertise is on a technical level, through mechanical engineering. On the other hand, I believe drawing with pen and paper can convey ideas beyond the imagination.

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## DV-2E

DV-2E is a portable drone marketed for the construction industry, aimed at tackling the growing issue of undetected asbestos within abandoned buildings. After a demolition, the drone surveys the site and calculates the volume of particulates, identifying whether the area is safe to enter.





## HYPO

HYPO is a collapsible camera rig, integrating an adjustable mechanical stabilizer. It utilizes fulcrums theory of balance to shift the weight of a camera to produce unique perspectives from low to high shooting. HYPO aids in shooting low without needing to go prone.





## Anson Tang

I am a designer that is always striving to improve myself. I don't believe that I am the perfect designer, but I am always willing to learn new things to improve.

My time at NTU has taught me what I know about design. It has also enlightened me into what I don't know. I hope to continue learning new things throughout my journey in design.

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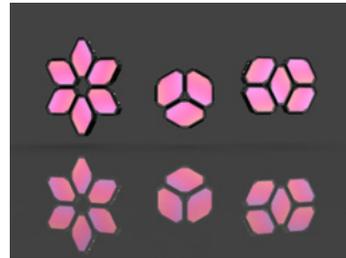
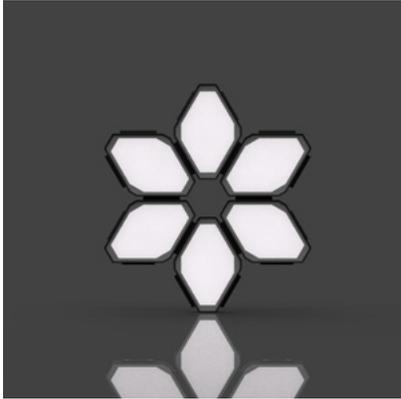


## ASTRA

Astra is a modular lighting solution that enables users to easily modify the size and shape of their light, to aid in content creation.

Astra allows users to interact with each module, to experiment with light and to learn more about it.



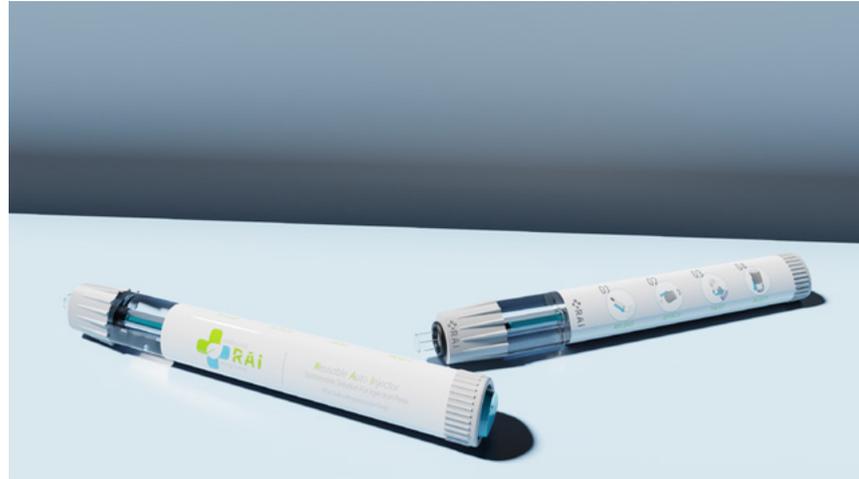




## Luke Vogler

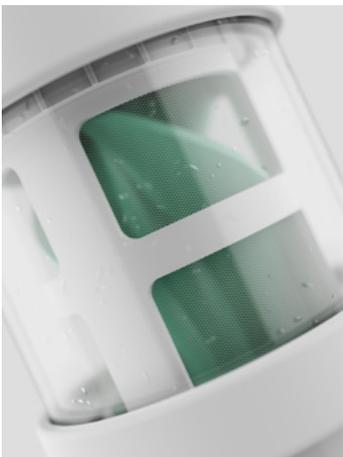
I am a design engineer that has a passion for solving real-world problems. My growth as a designer during my studies and placement has helped me develop an appreciation of the design process, allowing me to produce viable products for my final year. I am looking forward to tackling new design challenges, and delivering innovative solutions.

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## RAI

RAI is a reusable auto-injector designed to aid people suffering from Crohn's disease in administering medication safely and hygienically at home, whilst reducing the need for single-use plastics.



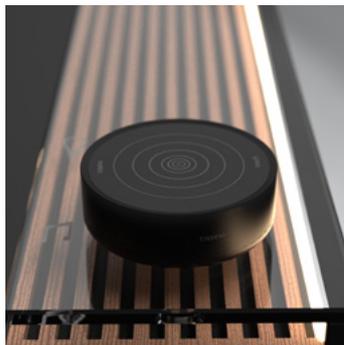
## PROJECT: POSIDON

The final design consists of a manual self-cleaning micro-plastic filter that prevents the release of microfibres into wastewater, when washing synthetic clothing. It ensures that the collected fibres are re-purposed, creating an environmentally closed-loop system.



## Luca Williams

I'm a hands-on designer-maker. I prefer to design through modelling, as I find a product's feel essential to a design's success. I love fixing things, designing things and most importantly, taking things apart.



## CENTRO

Centro is a HIFI smart mirror for the modern bathroom. An intuitive removable magnetic dial is used to control music and lighting, whether you're in the shower or brushing your teeth at the sink. Centro enhances bathroom entertainment for everyone in the family.

[www.komatikcoolers.com](http://www.komatikcoolers.com)

[@lucawilliamsdesign](https://www.instagram.com/lucawilliamsdesign)

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## KOMATIK

Komatik, named after the Inuit dog sledge, is an all-in-one rolling cool box with folding tables. Twin insulated compartments keep items separated and organised for beach trips, long weekends, or full-on wilderness adventures. Everyone has experienced difficult food prep and a sandy BBQ when at the beach or camping; this is the solution.

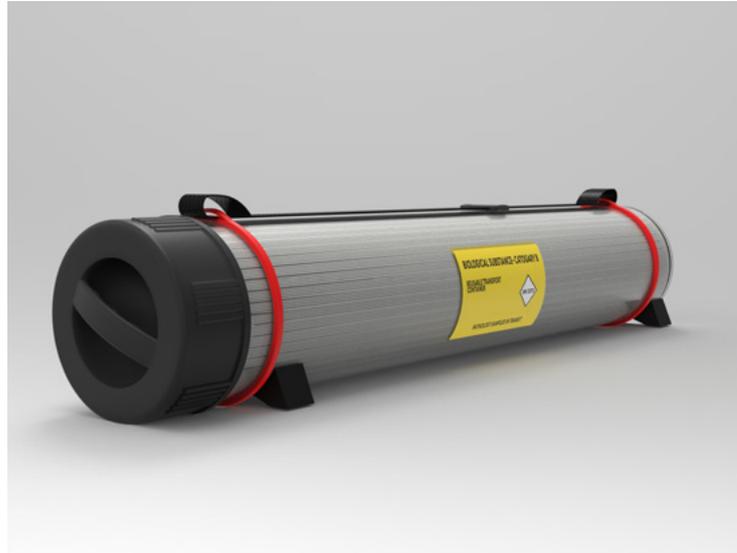


## Sam Wood

My focus on technical design stems from a background in engineering and an interest in everything mechanical. I enjoy product design which allows me to learn new skills and improve on existing ones.

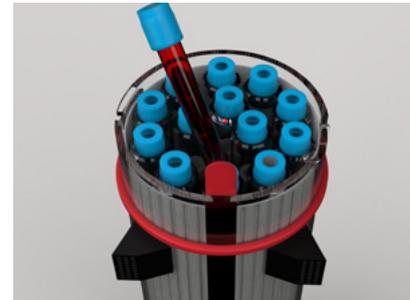
@same472

[www.linkedin.com/in/sam-wood](http://www.linkedin.com/in/sam-wood)  
[samwood472@hotmail.com](mailto:samwood472@hotmail.com)



## VACUPORT

Vacuport is a blood sample transport device designed to reduce the plastic waste produced by the medical sector. 655 million plastic sample bags are incinerated every year, and Vacuport is designed to prevent this waste. It uses a rolled-up tube holder that slides into a durable outer case, lined with a recyclable spill layer.





## ROYAL MAIL REDESIGN

Royal Mail has supplied their staff with the same bags for many years. The delivery market has changed massively with a 30% increase in parcels delivered. The original bag's satchel design was also causing long term adverse health effects on the users. This bag uses an ergonomic backpack style front with a main compartment that drops down for easy access, without removing the bag. This means the user gets the same storage space with reduced health implications.





We also wish to extend our thanks to **Julian Hughes** for heading the photography effort, in addition to the course leaders, module leaders, tutors, technical staff, and administrative staff for their persistent support this year and throughout our time at NTU.

Lastly, a thank you to everyone else who has helped us on our personal and collective journeys through product design at NTU.



## Staff of 2022

### Product Design Staff



**Grant Baker**

**David Bramley**

**Emily Brook**

**Simon Cahill**

**Ian Campbell  
Cole**

**Allan Cutts**

**James Dale**

**Fiona Davidson**



**Dr. Harriet  
Edwards**

**Katie Furnston**

**Dr. Rebecca  
Gamble**

**Chris Hanley**

**Suzannah Hayes**

**Alex Hellum**

**Julian Hughes**

**Tom Hurford**



**Paul Kennea**

**Dr. Hui-Ying  
Kerr**

**Chris Lamerton**

**Emma Lane**

**Richard Malcolm**

**Bella Malya**

**Hannah Manley**

**Liam Martin**



**Theresa  
McMorrow**



**Kathryn Pashley**



**Dr. Phillipa  
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**Daisy Pope**



**Max Pownall**



**George Riding**



**Rob Scarlett**



**Dr. Luke Siena**



**Nikki Sizer**



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**William Warren**



**Karen Winfield**



**Josh Woolley**

Technical Staff

**Steve Allcock**

**Insa Ba**

**Mark Beeston**

**Lee Bollard**

**Steve Chamberlain**

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**Ben Hutton**

**Graham Knighton**

**Steve Marriot**

**Dave Nix**

**Emily Quinn**

**Carl Smith**

**Kerry Truman**

**William Zindogg**



## NTUDI Expo Teams

### Exhibition



**Charlotte Bradford**  
TEAM LEAD

**Luke Harrison**  
TEAM LEADER

**Caitlyn Clark**

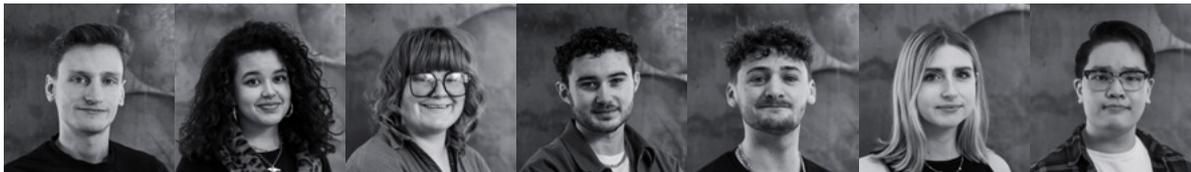
**Poppy Medcalf**

**Madhav Mistry**

**Harvey Richardson**

**Freya Robinson**

### Branding



**Jamie Quade**  
TEAM LEAD

**Cerys Benskin**

**Esme Hendy**

**Fred Owen**

**Josh Pinard**

**Elizabeth Stewart**

**Anson Tang**

### Social Media



**Angelos Rousou**  
TEAM LEAD

**Ellen Burke**

**Tomi Daniels**

**Jana Spence**

Photography



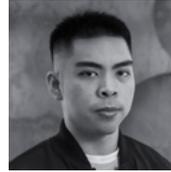
**Adam  
Wolstenholme**  
TEAM LEAD

**Maja Kaszuba**

**Phoebe Oldfield**

**Amber  
Thompson**

Website



**Joshua Capito**

Film



**Ethan Kendle**  
TEAM LEAD

**Finn Anderson**

**Harjoat Kaur**

**Tom Lacey**

**Abdul Sulaiman**

Sustainability



**Bronwen Rees**  
TEAM LEAD

**Daniel Sampaio**

**Jane Greganti**



## Degree Show 2022

28th May - 1st June 2022

## Nottingham Trent University – City Campus

Furniture and Product Design BA (Hons)  
Product Design BA (Hons)  
Product Design BSc (Hons)

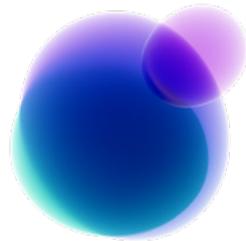
Newton mezzanine  
Newton forum level 1  
Newton forum level 0



# Perspective.

Covering topics within the world of design, told from a student's perspective. Brought to you by the NTUDI Expo teams, listen to the Perspective podcast in your podcast app.





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