

JANE LEHANE

PRODUCT

NCAD DUBLIN

National College of Art and Design
A Recognised College of University College Dublin

ABOUT

My name is Jane Lehane and I am currently just graduated from studying Product Design in NCAD. You can expect me to be outgoing, accommodating and hard working. I work well independently and in a team while also being efficient and well-structured. My strongest side is my creativity, but I also have excellent communication skills and very self motivated.

EXPERIENCE

Engineers Without Borders - Ireland (EWB)

I worked with EWB who are working with Indian partners Friend In Need India Trust (FIN) and Perch Dynamic Systems Ltd., an Irish-based design studio, on a project to create a Green Academy at the FIN office in Kameswaram, Tamil Nadu, India. Within this project I created a cube concept to help teach school children about sanitation and filtration.

Alternus Energy Group Plc

Headquartered in Ireland with offices in Rotterdam and America, the company develops, installs, owns, and operates utility-scale solar parks that produce electricity using photovoltaic (PV) solar panels. With the company, I'm working on how might decommissioned solar PV panels be reprocessed and reused in a scalable, repeatable process to produce items of value.

Fjord - Accenture The Dock

This company have given me the design challenge of 'How might we improve the citizen experience as they move into and around our cities' using both the physical and the digital means to provide a sustainable and exceptional citizen experience.

Photoshop ●●●●○
Illustrator ●●●○○
Indesign ●●●●○
Blender ●●●●○
Fusion360 ●●●●●
SolidWorks ●●●●●

●●●●● Figma
○○●●● Rhino
○○●●● SketchUp
●●●●● ProCreate
●●●●● Miro
●●●●● Canva

AWARDS

Scholarship from HSE Spark Innovation Programme

Awarded for my major project which specialised in individualised spinal implants and service.

Alternus Energy Sustainable Initiative 2023 Award

Awarded for best sustainability project. Concept included re-using solar panels as interior decorative tiles.

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DESIGN

MORE EXPERIENCE

St. Jame's Hospital - ICU Project

Here, I worked alongside staff and teammates to come up with a concept of how to wash patients safely and efficiently while the patient is in ICU. This was a tricky brief yet quite rewarding. Designing around patients with no mobility really opened my eyes to ergonomic failures. The project lasted 6 weeks.

PA Consulting - CGM Wearables

Here I worked on a project discovering non-invasive wearables as medical devices. This project experience taught me more about the importance of aesthetic and discreetness, all while maintaining functionality. The company taught me more about material combined with technology and the big opportunity for innovation in this area. This project also lasted 6 weeks.

Storm Web Development - Graphic Design

Here I worked for my parents company doing part time work for logos and branding. During my experience, I gained much knowledge of design development and the importance of clean/ neat design.



PROTOTYPE SKILLS

My best skills as a designer is that I excel in 3D modeling and prototyping for product design, leveraging advanced CAD software such as SolidWorks, AutoCAD, and Blender to create precise and highly detailed models. My proficiency encompasses a deep understanding of geometric dimensioning and tolerancing (GD&T), ensuring that all components fit together seamlessly and function as intended. I utilize rapid prototyping techniques, including 3D printing and CNC machining, to produce tangible prototypes for iterative testing and validation. My expertise extends to material selection and structural analysis, allowing me to optimize designs for manufacturability and durability. With a keen eye for detail and a robust technical foundation, I consistently deliver innovative and functional product designs that meet stringent industry standards.