

Bailey Tuddenham

Product Design
Engineer

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About

I graduated in 2024 with a Master's degree in Product Design Engineering from the University of Glasgow and Glasgow School of Art.

I have always been fascinated by the marriage of technical engineering and industrial design, and I'm driven by a lifelong ambition to create consumer technology that is both beautifully designed and highly functional.

Education

2019 - 2024

University of Glasgow
MEng Product Design Engineering
Honours of the First Class

2019 - 2024

Glasgow School of Art
MEng Product Design Engineering
Honours of the First Class

Skills

Illustrator
InDesign
Fusion 360
Apple iWork
Final Cut Pro
Keynote
Public Speaking

Awards

Founder's Medal – Highest Graduate Attainment in Cohort, Glasgow School of Art (2024)

Sonos Industry Design Award (2024)

Academic Excellence List – University of Glasgow, School of Engineering (2019, 2020, 2021, 2022, 2023)

iMechE Certificate – Best PDE Student, 3rd Year (2022)

Norfolk County Scholar - Standard of Excellence in Advanced Level Studies – Norfolk County Council, 2018

Head of School Team – Norwich School (2017–2018)

Head Boy – Broadland High School (2015–2016)

Experience

GI Healthcare

Aug 2024 - Present
Edinburgh

Glasgow School of Art

Sep 2024 - Jul 2025
Glasgow

Amazon Inc

Summer 2021
Mansfield

Pupil Asset

Summer 2017
Norwich

Product Design Engineer

At GI, I have been researching, designing, manufacturing and engineering autonomous robotic cooking machines for use on Earth and the Moon. Additionally, I have been responsible for marketing, presentations and videography.

PDEiR

As Product Design Engineer in Residence, I supported students across multiple year groups by providing one-to-one tutorials and guidance to final year students on their projects, tutoring second-year students through their coursework, and delivering weekly lessons on industry design methods and software skills. I also ran hands-on workshops to help students get the most out of key tools, including the Adobe Suite and Autodesk software packages, ensuring they developed both practical and professional capabilities.

Engineering Intern

During this internship, I worked on a real-world engineering and design project, where I successfully redesigned a system that was operating at just 13% efficiency, improving its performance to 100% by the end of my placement.

Design Intern

I was offered an internship at n EduTech company called Pupil Asset after being recognised for my commitment to the Young Enterprise scheme, where I focused on graphic work including web design, app design, and marketing.

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Senior Manager, Operations

Amazon Inc

Reference

I am more than happy to recommend Bailey Tuddenham to you for a role at your= company. I was Bailey's project sponsor during his summer internship here at Amazon and oversaw the projects that he worked on over the course of three months.

We set Bailey a project in week 1 of his internship and he demonstrated great skills in organisation, planning and analysis from the outset. He went above and beyond from week 1, with continuing effort throughout the rest of the employment. By the end of his internship, he had successfully solved the real-world problem we had set him to a high degree of accuracy.

In addition to his analytical skills, Bailey displayed great traits in teamwork and communication, discussing ideas with staff and acting promptly on feedback. He was also a reliable intern at Amazon and always ensured he completed tasks on time and to the best of his ability. Bailey wrote a white paper on his work and gave a final presentation at the end of the internship to the leadership staff on site, displaying great strengths in public speaking.

Bailey's design skills, in particular, were impressive and allowed him to stand out during his internship here at Amazon. I would strongly recommend Bailey to any institution looking for people to take on a design role and we feel that this is where his strengths really show.

I enjoyed having Bailey on site and I feel he will be an extremely valuable asset to your team. He got on well with all of the team, as well as the other interns. He has a great personality and will be missed here in Mansfield! Please feel free to contact me for any further questions.

Other Experience

Hollister

Oct 2022 - Present
Glasgow

Brand Representative

I started at Hollister Co. whilst studying at University. The role has allowed me to gain more of an understanding of customers, and what they want and need in a product. I feel that I have picked up skills from this job which have genuinely been transferable to my work as a product design engineer, and vice versa.

Zizzi

Jul 2024 - Sep 2024
Glasgow

Chef

Working within hospitality in an extremely fast paced environment; running the kitchen and keeping up with a high number of in house and delivery orders.

Zoological Society of East Anglia

Summer 2022
Glasgow

Education Assistant

Over the summer in 2022, I worked at Banham Zoo in Norfolk, carrying out a huge range of roles. These included teaching children and families about conservation and talking to visitors about the animals in the zoo. I also ran experiences with public and our animals, including meerkats and lorikeets. I went into this role with no prior knowledge, which forced me to learn a huge array of facts about animals and conservation very quickly.

Norwich City Football Club

Aug 2018 - Jul 2020
Norwich

Matchday Safety Steward

I worked as a matchday safety steward at Norwich City, monitoring and controlling the crowd; responsible for the safety of the crowd in my area. I was also responsible for ensuring the spectators have a great day out, by guiding them to their seats, offering friendly conversation and doing everything I can to make sure they leave happy, even after a loss!