

Zoe Hall

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London, UK

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Dual Nationality: British, Australian

Full Driver's License (UK)

Overview

Final year MEng Design Engineering student at Imperial College London, graduating in 2026 with interest in functional design, manufacturing, and product development within mobility, automation and robotics. I have a strong work ethic with over 12 months relevant work placements. I am now looking for a graduate or placement opportunity where I can utilise my knowledge and experiences.

Education

Imperial College London, UK

MEng Design Engineering | 2022 - 2026

Relevant modules: Physical Computing, Mechanics, Robotics, Computing, Design (advanced industrial, sustainable, human centred), Thermofluids, Electronics, Material science, Manufacturing methods.

Expected first class honours. Accredited by the Institution of Mechanical Engineers, IED, and IET.

Godalming college, UK

A-Levels | 2020 - 2022

A* A* A (Maths, Further Maths, Physics)

11 GCSEs grades 7 - 9 (A - A*) including English and Maths

Technical Proficiencies

CAD & Visualisation: Fusion 360, Onshape, SolidWorks, PTC Creo, Sketchup, Blender, Rhino, Keyshot

Computer programming: Python, Arduino, CSS, HTML, JavaScript, MATLAB

Work Experience

Cordon Technologies, London UK: *Sustainable Agri-tech start up*

Industrial Design Engineering Intern | April - September 2025

- Adapted to a fast-paced startup environment, taking ownership of the product's external packaging; a sheet metal enclosure considering aesthetics, accessibility, manufacturability for small-batch and scalable production.
- Built the liquid pesticide subsystem, working on pump configurations, flow management, and test validation to ensure safety, efficiency, and integration within the overall product.
- Conducted rapid prototyping, field testing, and on-site validation with partner vineyards, applying PA1 pesticide certification and adapting designs based on real-world performance.
- Developed core branding principles, new product logos, and full industrial design to support sales, marketing and business development.

Aergility, FL USA (part time, remote): *Cargo UAV startup*

Design Engineering Intern | September 2024 - January 2025

- Developed modular storage system for efficient component folding and packing for transportation.
- Created concise animations using blender to communicate concepts.

Aixtron LTD, Cambridge UK: *Semiconductor manufacturing R&D*

Operation Engineering Intern | July - September 2024

- Redesigned customer tools used to operate advanced machines for cost reduction and improved usability.
- Updated system controls to include new pneumatic components across multiple machines.
- Used SAP to manage part inventories and standardise customer tools across product lines

Stonegate group, London UK

Front of house staff | June 2023 - June 2024

- Ran event spaces hosting up to 100 customers; managed teams and co-ordinated high-volume service.

Interests and Hobbies

Member of the university handball team, and treasurer (24-25), Ceramics (since 2022), Guitar (since 2017)