

Alexander Hegedus-Adkin

Engineering student, Imperial College London

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Education

Imperial College London	September 2024 - present
Electronic and Information Engineering	MEng
Averaging a First	
↗ https://www.imperial.ac.uk	
King Edward VI School, Soton	September 2019 - June 2024
A-Level	Secondary/6th Form
A*A*A	
↗ https://kes.school	
A*, A*, A* (Maths, Further Maths, Computer Science), A (Physics) at A-Level	

Projects

EEE SeaBoat 2025	May - June 2025
↗ https://github.com/hakanmerdan/EEESeaBoat2025	
Helped produce a remote-controlled rover capable of sensing and identifying infrared, radio, ultrasonic, and magnetic data. Worked on embedded programming, motor control, and sensor integration to connect sensors to a moving, controllable platform.	
Algorithm Teaching App	2023 - February 2024
↗ https://github.com/alex-ha-192/Algorithm-Teaching-App	
Created an app in Kotlin and Jetpack Compose to visually demonstrate and explain some of the algorithms in the A-Level Computer Science syllabus to A-Level Computer Science students.	
Student Robotics 2024	2023 - 2024
↗ https://studentrobotics.org/	
Worked on a Student Robotics team that reached the knockouts of the 2024 national competition. Worked on initial motor testing and coordinating initial embedded development.	

Languages

English	German	Spanish
Native	A1	GCSE (9)
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Internet

⌚ [alex-ha-192](#)

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Summary

I am a skilled and hard-working Electronic Engineering student currently pursuing opportunities in software development (particularly backend) and digital design (particularly RTL design using HDLs). I can bring a wealth of academic experience and competence, and a hunger to take that success to the next level.

Skills

Programming

C++, Rust, C, UNIX

Hardware

SystemVerilog, PCB, HDL, Computer Architecture, RISC-V

Linux

Docker, Debian, Networking

Soft Skills

Communication

Communicating requirements and deadlines clearly, Raises potential issues promptly

Independent learner

Willing to devote time to external research and upskilling, Knowledge and interest in many areas of programming and digital design