Alexander Hegedus-Adkin

Engineering student, Imperial College London

⊙ Hampshire/London, United Kingdom ☎ +44 7398 181105
@ alex@hegedusadkin.co.uk 🔗 https://alex-ha.com

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*A

🔗 https://kes.school

A*, A*, A* (Maths, Further Maths, Computer Science), A (Physics) at A-Level

Experience

Imperial College London   October 2025 - Present

Undergraduate Teaching Assistant (UTA)   South Kensington, London, UK

🔗 https://www.imperial.ac.uk/

Currently working as a UTA for Digital Electronics and Computer
Architecture (DECA). This involves me helping explain basic digital
electronics concepts to students and walking them through where they get
stuck, as well as supervising and being a helpful resource during lab
sessions.

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.

Internet

⊙ alex-ha-192

🔗 Alex Hegedus-Adkin

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

Languages

English	German	Spanish
Native	A1	GCSE (9)
●●●●●	●○○○○	●○○○○