

Alex O'Brien

www.alex8obrien.com · LinkedIn.com/in/alex8obrien · GitHub.com/alex8obrien
alex8obrien@gmail.com · BCS Student Member · 07490 955569

A committed and hardworking Software Engineering student, with experience gained through solo and group projects, alongside independent research into databases, cloud virtual machines and object-oriented programming. Very keen to gain further experience through jobs within the tech industry.

Technical skills

Languages:

- C#, C++
- Java, Go, SQL

Certifications:

- AZ-900 Microsoft Azure Fundamentals.

Frameworks:

- Agile, Waterfall
- Scrum, Kanban Boards

Tools & Technologies:

- Git
- Docker & Docker Compose
- LaTeX
- M365 Suite
- Visual Studio, VS Code, JetBrains
- MySQL, PostgreSQL

Experience

The University of Hull

January 2024 – May 2024

Lab Demonstrator

- Supported students in lab sessions with learning object-orientated programming.
- Marked weekly submitted work and presented feedback to students.

Education

The University of Hull

September 2022 – June 2026

BSc Computer Science (Software Engineering) with Industrial Placement

- Elected as the treasurer for the Hull Computer Science Society, where I planned social events, managed finances, and completed risk assessments.
- Selected by department leaders to offer feedback on module changes, positively impacting students' learning experience.
- Presented student feedback at Student-Staff forums, developing my communication skills.
- Led a team project to prototype an online service that improves students' lives, during which I delegated tasks and delivered group presentations to our module leader.
- Participated in multiple programming competitions, including the UK & Ireland Programming Competition and LanHack.

A-Levels in Computer Science, Physics and Maths

- Was my Form's council member where I presented feedback to the leadership team, resulting in changes that improved students educational experience.
- Selected to be a student prefect, where I worked with the senior leadership team and the student body to improve teaching and learning, the school environment and organising charitable events.

Related Activities

C# Commons Library

December 2022 – Present

- Developed 3 open-source C# libraries offering utilities for logging, maths, and standard input output operations.

Personal Website

December 2022 – Present

- Self-taught TypeScript to create a server-side rendered website.
- Deployed to Cloudflare using GitHub Actions, introducing me to CI/CD pipelines.
- Researched and tested multiple web frameworks to find the best fit.

Volunteering

National Citizenship Service:

- Developed excellent leadership and communication skills through our project Cycle Recycle, where I organised the project and liaised with multiple bike repair centres, to clean and donate bicycles to the underprivileged in the city.
- Worked with anxious people in my group, helping them overcome their fears and give back to our local community.