



# Alex O'Brien

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GitHub.com/alex8obrien · BCS Student Member

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 internships and jobs within the tech industry.

## TECHNICAL SKILLS

### LANGUAGES:

- C#, Java, Python, SQL
- JavaScript, TypeScript.

### FRAMEWORKS

- .NET, Swing
- React, NextJS, Astro

### CERTIFICATIONS & AWARDS:

- AZ-900 Microsoft Azure Fundamentals.
- Working towards the Hull Employability Award.

### TOOLS & TECHNOLOGIES

- Git, SQL Server
- Docker, Linux
- LaTeX, M365 Suite
- Visual Studio & VSCode

## EDUCATION

### SEPTEMBER 2022 - PRESENT

#### UNIVERSITY OF HULL

##### BSc Computer Science (Software Engineering) with Industrial Placement

- Evolved my communication skills as a course representative, by presenting students' feedback to department leaders in student staff forums.
- Currently working towards the Hull STEM Employability Award, during which I develop my employability skills and practice elements of the job application process.
- Lead a team project to prototype an online service that improves the lives of students, in addition to delegating tasks and creating group presentations to our module leader.
- Elected as the treasurer for the Hull Computer Science Society, where I planned social events, managed finances and completed risk assessments.

### SEPTEMBER 2020 - JUNE 2022

#### CHELLASTON ACADEMY SIXTH FORM

##### A-Levels in Computer Science (A), Physics (A) and Maths (B)

- 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.

**SEPTEMBER 2015 - JUNE 2020**

**CHELLASTON ACADEMY**

**9 GCSE's (9-5) including Computer Science, English, Maths & Science**

## **RELATED ACTIVITIES**

**DECEMBER 2022 - PRESENT**

**C# COMMONS LIBRARY:**

- Developed my custom C# library that has gained over 2 thousand downloads on the NuGet package manager.

**DECEMBER 2022 - PRESENT**

**PERSONAL WEBSITE:**

- Researched and tested multiple web frameworks for my personal website, to ensure it meets accessibility requirements.
- Self-taught JavaScript for web development to enable custom pages, deployed on Cloudflare using server-side rendering.
- Introduced the concept of a CI/CD pipeline using GitHub Actions.

## **VOLUNTEERING**

**AUGUST 2021**

**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 to overcome their fears and give back to our local community.