





# SEBASTIAN CLARKE



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## PROGRAMMING LANGUAGES

- C# (Advanced)
- Visual Basic (Advanced)
- Java (Intermediate)
- C++ (Intermediate)
- JavaScript (Intermediate)
- HTML + CSS (Intermediate)

## EDUCATION

**UNIVERSITY** 09/2023 - Present

Newcastle University

Computer Science (Software Engineering) BSc Honours

**A-LEVELS** 2023

Langley Park School for Boys

Computer Science, Mathematics, Physics | Grades: A A C

**GCSE'S** 2021

The Ravensbourne School

Biology, Chemistry, Physics, Computer Science, Drama, Music

## EXPERIENCE

### JUNIOR SOFTWARE ENGINEER

Cogmap  
06/2022

- Contributed to the development of a C# Web API by utilizing Test-Driven Development (TDD) techniques and agile methodologies, including scrum and Kanban. I was actively involved in deployment and cloud hosting processes. Furthermore, I broadened my skills by delving into front-end development, working with popular frameworks like Angular and React.

### FREELANCING - SOFTWARE DEVELOPER

02/2022 - Present

- I collaborated with a diverse clientele, including educational institutions, working on a broad spectrum of projects that exposed me to various tools, programming languages, and cutting-edge technologies. As a project manager, I honed my leadership skills while continuously deepening my expertise in the field of software development.

### RESEARCH INTERN

The Society of Occupational Medicine  
09/2021

- I led a comprehensive project focused on collecting and analyzing freedom of information data for all Universities and Higher Education Institutions in the United Kingdom spanning from 2015 to 2021. To enhance efficiency, I engineered custom software solutions that streamlined data collection and analysis. My research findings were published in the Times Education Supplement on September 15, 2021, highlighting my prowess in data analysis, project management, and software development.

References available upon request

# ACHIEVEMENTS

## ACADEMIC/ EXTRACURRICULAR

- Recipient of The Duke of Edinburgh Silver Award (2021-2022)
- Shadowing the CILIP Carnegie and Kate Greenway Awards (2016-2020)
- Deputy Head Boy of The Ravensbourne School (2019)
- Participant of the Jack Petchy "Speak Out" Challenge as a representative of The Ravensbourne School (2020)
- Recipient of grade 6 Piano performance and theory certificates from The Associated Board of The Royal Schools of Music (2014-present)

## COMMUNITY/ VOLUNTEERING

- Mentor of the "Big Brother Big Sister" scheme in partnership with the Mental Health Foundation - The Ravensbourne School (2019)
- Recipient of Rotary Youth Award for outstanding contribution to the community (2018-2019)
- Winner of the Local Magistrate Mock Trial Competition - Bromley and participant of the National Magistrate Mock Trial Competition (March 2018)
- Participant of the Institution of Engineering and Technology - First LEGO League International Competition at the Queen Mary University - London (2018)
- Youth Advisory Council Board Member - INTO FILM (2017-2018)

## INTERESTS AND HOBBIES

- Neurotechnology and Brain-Computer Interfaces
- Badminton
- Reading (Science Fiction)