

Callum Thomson

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I am a hard-working, energetic and driven individual, who is currently working towards the completion of the my second year of my degree in Computer Science at Newcastle University. I am constantly working to expand my knowledge and challenge myself, by always looking for constructive criticism and novel ways to practise my skills, such as hackathons, to further improve myself.

Professional Experience

Freelance Software Engineer - MyStyleQuest, *August 2019 - January 2020*

- Made use of time management skills when fitting work and meetings around university work
- Full stack development in PHP 7, HTML5, CSS and JavaScript
- Collecting and distributing requirements from the client to other developers
- Working with Google Cloud technologies, such as machine learning for image labelling

Internship - The Reinventory Company, *July 2019 - February 2020*

- Development of back-end software using Springboot and Google cloud services
- Development of a consumer-facing Android app using Java and Firebase
- Working closely with another developer to complete an initial MVP and refactor of a mobile product

Internship - Prospect Path, *February 2019 - June 2019*

- Exercised communication skills when working remotely to provide progress updates
- Development of back-end features utilising Laravel and PHP 7
- Development of front-end features using React
- Working as part of a team to design and implement efficient and reliable solutions for new features

Lead programmer - University Team Project

- Helped distribute tasks to other team members
- Oversaw an Agile team to develop a mobile application for Android
- Applied leadership skills when distributing tasks
- Applied communication skills when arranging and chairing meetings

Peer mentoring, *September 2019 - February 2020*

- Applied communication skills when answering their inquiries about university
- Holding meetings to discuss upcoming deadlines, important information and their university progress

Student Ambassador - Newcastle University, *November 2018 - June 2019*

- Used communication skills when providing advice to prospective students
- Providing tours of university facilities
- Providing feedback in marketing strategy

Teaching assistant (*unpaid work experience*), *Summer 2017*

- Exercised teaching skills and communication skills by providing one to one support to students
- Providing in-class support to computer science and IT classes for students aged 11-16
- Carrying out routine maintenance of computing suites
- Providing one-to-one support to assist some students

Education

Newcastle University, 2018 - 2022 (expected graduation date)

Studying BSc. Computer Science

Achieved a 81.7% average for stage 1 **Discovery school**, 2016 - 2018

A-levels: Computer Science (A), Maths(B), Further Maths (B)

Burnside business and enterprise college, 2011 - 2016

- 10 GCSEs, grade A*-C, including Maths (A*), English (C) and Double science (AB)

Achievements

- Completed the Duke of Edinburgh award to the silver level
- Currently a sectional assistant for the 18th Tynemouth Cubs
- Previously assisted in the Coder Dojo North East, where I helped to educate children aged 8 to 14 in computer science
- Competed in Facebook Hackathon 2019, RocketHack 2019 and Durhack 2019
- Assisted the university in welcoming the new cohort of students, providing assistance with activity and event organisation, as well as ensuring their well being and safety
- Provided assistance to new students in their first semester of higher academic study

Skills

- Programming languages
 - ⇒Java (Advanced)
 - ⇒Python (Advanced)
 - ⇒C/C++ (Intermediate)
 - ⇒HTML5 (Advanced)
 - ⇒CSS (Intermediate)
 - ⇒JavaScript (Intermediate)
 - ⇒PHP (Intermediate)
 - ⇒Rust (Intermediate)
 - ⇒Kotlin (Advanced)
 - ⇒SQL (Intermediate)
- Languages
 - ⇒English (Native)
 - ⇒German (Beginner)
 - ⇒Hungarian (Basic)
- Knowledge of Microsoft Windows, Linux and macOS

Hobbies and Interests

My hobbies include attending talks related to technology, hackathons, reading and I have recently started teaching myself Hungarian.

References

References are available on request.