Luke Collishaw-Schepman

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Personal statement

I am a final-year undergraduate student studying Computer Science at the University of Exeter. I am a confident worker and enthusiastic team player, and approach new challenges with passion and curiosity. In addition, my work in a freelance environment has given me the opportunity to work with a variety of different clients to provide solutions to real problems.

Education

University of Exeter, BSc Computer Science - first class honours predicted

I have thoroughly enjoyed studying a wide range of fields in computer science, from the fundamentals - mathematics, data structures, and algorithms - to implementing machine learning algorithms and developing web applications.

Study Year Two (Grades June 2022)
- Software Development – 80%
- Database Theory and Design – 79%
- Overall average – 71.9%

Study Year One (Grades June 2021)
- Web Development - 78%
- Overall average - 75.4%

Bishop of Llandaff CiW High School

A2 levels (Grades June 2020)
- Achieved one A* (Welsh Baccalaureate), two As (Mathematics and Computer Science) and one B (Psychology).

GCSEs (Grades June 2018)
- Achieved seven A*s (Mathematics, Numeracy, Biology, Chemistry, Physics, Religious Studies, and Welsh Baccalaureate) and five As.

Projects

Taha Clothing
- Gained experience working within the open-source PHP community
- Developed a clothing site using WordPress

Imperialis
- Gained leadership experience and communication skills managing an online community
- Developed a suite of bespoke game plugins for an online gaming community in the open-source space

Volunteering Experience

Helper for a walk for charity event (in association with Markfield) – 2021
- Developed a web app that allows people to track steps with live data and charts.

Young Leader at Cub Scouts (3rd Llanishen Scout Group, Cardiff) – 2018 - 2019
- Developed planning and organisational skills when designing session programmes.

Key Skills

- **Experience in Java:** demonstrated in developing game modifications, including working with several APIs, and built using Maven.
- **Front and back-end web development experience:** gained through several freelance projects and passion projects. Over the summer, I have applied and expanded on this by creating a portfolio website (lukecs.dev) – made using React and hosted using Apache.
- **Knowledge of SQL and databases:** developed during my individual project by aiding the design and implementation of a PostgreSQL database for a web app.
- **Ability to use Windows and Unix-style operating systems effectively:** deployment and maintenance of several web and game servers on Linux, typically with Ubuntu or Debian.
- **Experience using version control systems, CI, and CD:** enhanced by using Git (on GitHub) for personal projects.
- **Knowledge of Agile software development, particularly Kanban:** developed by using Kanban as part of a team throughout my group software engineering project.
- **Accomplished communication skills, both verbal and written:** developed throughout my group software engineering project (communicating within a team), and throughout various freelance projects (communicating with clients).

Hobbies & Interests

I enjoy health and fitness and have competed in an amateur bout for the University of Exeter Amateur Boxing Club and Prince Fighting Association. I relish leadership opportunities and have led successful online gaming communities, and helped organise charity walking events.

Referee

Dr Chunbo Luo
Project Supervisor
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