# Lloyd Owen

Computer Science Student with proven coding experience in a variety of high and low level languages, with a sound understanding of mathematical and statistical principles. Looking to expand software development skills in a rewarding and challenging environment.

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## Skills

- Communication
- Leadership
- Self-motivation
- Teamwork

## Awards & Achievements

### Powerlifting
Within the first year achieved
- Several Scottish & British Records.
- Placing $3^{rd}$ at the British Championships.
- Placing $6^{th}$ in my class at the 2018 World Championships representing GB.

Following year achieved first place at the British championships.

### Combined Cadet Force
- Achieved the rank of WO2 and was commander of the Army section, leading over 30 recruits.
- Won the Welbeck Leadership competition, receiving a medal of excellence from the commander of $51^{st}$ Infantry Brigade.

### Rugby
- Achieved full colours with school rugby team. Awarded to those "who have shown determination, selflessness, example and skill".

### Volunteering
- Achieved 200 hours volunteering through the *Saltire Awards*.

## Hobbies

- **Rugby:** $2^{nd}$ XV at the University of Glasgow.
- **Hackathons:** competed in several hackathons including GUTS Code Olympics 2020 and Do You Have The GUTS? 2021

## Languages & Tools

- JavaScript
- Python
- C, C++
- HTML, CSS
- Java
- VS Code
- Git
- Linux
- Eclipse

## Education

**University of Glasgow, BSc Computer Science – 2:1 expected**
Sep 2018 – Present

Professional Software Development Team Project (**JavaScript, HTML, CSS, GIT**)

- Currently developing software for Thales as part of university degree. Software involves developing integrated mapping software for 2D and 3D ground sensors using CesiumJS.
- Hold the position of meeting chair, organising the agenda for customer meetings, and making sure they run as planned.
- Given exposure to scrum framework for agile sprint process improvement.

Systems Programming (**C, C++, Linux**)

- Course offered an introduction into low level and concurrent programming in C and C++, building a fundamental understanding in both languages.
- Several pieces of coursework were completed as part of the course. Firstly, developing an AVL tree in C to store the number of access from top-level domains, and secondly improving the performance of a dependency discoverer program in a C++ program using multi-threading.
- Achieved an A1 grade in both assignments – over 92%.

Data Fundamentals (**Python**)

- Course provided an introduction into computational approaches for working with numerical data on a large scale in python. Given experience working with python libraries such as NumPy and Matplotlib.
- Achieved an A1 grade in all assessed exercises.

**Queen Victoria Boarding School, Dunblane**
2011 – 2018
**2018 Advanced Higher:** Computer Science (A), Maths (A)
**2017 Higher:** Computer Science (A), English (A), Biology (A), Maths (B), Chemistry (B)

- School prefect – Worked closely with other prefects performing various duties around the school.

## Work Experience

**The Copper Oven, Arbroath – Waiter/Barista**
Summer 2019
- Worked as a part-time waiter gaining experience in customer relations and working in a high pressure environment.

## References

Alessandro.Vinciarelli: Advisor of studies - Alessandro.Vinciarelli@glasgow.ac.uk – 01413302795
Peggy Mostyn: Manager at The Copper Oven – Peggymostyn5@gmail.com