

Education

Newcastle University

- Dissertation
 - › Investigated the implementations of networking in games
 - › Implemented an API written in C++ for Client-Hosted and Peer-to-Peer networking.
- Graphics
 - › Wrote custom OpenGL shaders in GLSL.
 - › Experience with matrix manipulation for rendering and animating scenes.
- Concurrency
 - › Investigated principles of multithreaded programming best practices.
 - › Learned about optimising pipelines and how the GPU works.
- Team Project
 - › Coordinated a small team as the lead programmer in an Android app development project.
 - › Distributed tasks and deadlines for my team and organised help sessions.

Stage 3 Average of **TBD**
Dissertation TBD
Security TBD
Games Prog. 82%
Simulations TBD
Graphics Prog. 80%
Games Dev TBD
Concurrency 89%
Cryptography 85%

Stage 2 Average of **78%**

Stage 1 Average of **73%**

St. Ambrose College

- Programming
 - › In own time made simple games in scartch.
 - › Made VB.Net terminal apps such as a 'paint'-like program, that were used as examples for younger students.
 - › Self-Taught Java to make an ambitious game project. Achieved the grade of A* in this project.
- Tuition
 - › Volunteered to tutor younger struggling students in both Maths and Programming.

A Level Grades of **A - C**
Computing A - A*
Further Maths A - C

GCSE Grades of **A - C**

Attributes and Skills

Java & C#



C & C++



VB.Net



Javascript & Web



GLSL Shaders



Use custom rice for my **Emacs** and **Linux** configurations.



Familiar with **LaTeX**.



Can fluently communicate in **English**, **Polish** and currently learning **Japanese**.



Enjoy **Skiing**, **Snowboarding** and **Skydiving** whenever possible.

Work Experience

PCMS

- </> Wrote code primarily in **Java** including a **TDD and BDD workflow** with various JUnit frameworks.
- ☰ Worked on the development of new features for **web service APIs**. Deployed QA WAS and Oracle Database servers.
- >_ Extensive use of **Mercurial version control** in a professional environment. **Developed scripts** automating many processes previously done manually. Familiar with **continuous integration** systems.
- 🏆 As a team, **came 1st** in the Warwick University Hackathon **representing the company**. Also represented the company in other events such as University Careers Fairs.

👤 Placement Software Developer
📅 July 17 - July 18
📍 Coventry, UK

- ? Worked on various projects from John Lewis and Marston's till software to RESTful external services. Implemented new features and fixed bugs reported through Jira.

IamVIP

- 📷 Work by myself in a large variety of different night clubs every weekend, **constantly adapting to new environments**.
- 👥 Interacted with 50+ people every hour whilst applying **marketing techniques** to sell as many keyrings as possible and developing **interpersonal skills**.
- 💰 Worked in very busy conditions while managing the money that I made from each customer.

👤 Nightclub Photography
📅 Feb 16 - May 16
📍 Newcastle-Upon-Tyne, UK

- ? Promoted and marketed myself as a photographer in busy nightclubs taking professional pictures and selling keyrings.

EventPad

- 👥 Worked in a small team of 8, under **high pressure conditions**
- 💡 Used innovative strategies to find contact information for employers with certain roles within companies that fit a given criteria.
- ☀️ Implemented and exercised, practical, problem solving skills in order to consistently **surpass the daily lead goal**.
- 🕒 Worked on a daily 8:00 to 16:00 routine and **planned out** how to achieve the daily lead goal each day.

👤 Research Intern
📅 June 15 - July 15
📍 Altringham, UK

- ? Tasked with finding leads for an Event company allowing them to target the most optimal people with marketing their services.

Other places of employment

Shop Assistant in CEX in Manchester: Showing customers how electronic products work and testing incoming devices.

Low Voltage Appliance installation in Poland: Assisted in the installation of appliances such as alarm systems and satellite dishes for private homes and businesses.

References

References available upon request. Please contact me via e-mail or phone