

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.

Stage 3 Average of **TBD**
Dissertation TBD
Security TBD
Games Programming 82%
Simulations TBD
Games Graphics 80%
Games Dev TBD
Concurrency 89%
Cryptography 85%
Stage 2 Average of **78%**
Stage 1 Average of **73%**

St. Ambrose College

- Test

Technical 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