

## 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
  - › Volounteered to tutor younger struggling students in both Maths and Programming.
  - › Experience with matrix manipulation for rendering and animating scenes.

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