## Education

## Newcastle University

Dissertation >

- Investigated the implementations of netwoking in games
- > Implemented an API written in C++ for Client-Hosted and Peer-to-Peer netwoking.

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 >

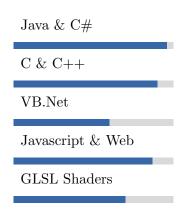
- > In own time made simple games in scartch.
- > Made VB.Net terminal apps such as a 'paint'-like program, that were used as examples for younger students.
- > Self-Taught Java to make an ambitious game project. Achieved the grade of A\* in this project.

Tuition > Volounteered to tutor younger struggling students in both Maths and Programming.

A Level Grades of  $\mathbf{A}$  -  $\mathbf{C}$ Computing  $\mathbf{A}^*$  -  $\mathbf{A}$ Further Maths  $\mathbf{A}$  -  $\mathbf{C}$ 

GCSE Grades of A - C

# Attributes and Skills



- **\( \Delta\)** Use custom rice for my **Emacs** and **Linux** configurations.
- Femiliar with LaTeX.
- Can fluently communicate in **English**, **Polish** and currently learning **Japanese**.
- Enjoy Skiing, Snowboarding and Skydiving whenever possible.



# Work Experiance

#### **PCMS**

- Wrote code primerily 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. Femiliar 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
- **H** 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 sattelite dishes for private homes and businesses.

### References

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