

Education

Newcastle University

- Dissertation › Investigated the implementations of **net-working 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.
- Team Project › Coordinated a small team as the **lead programmer** in an Android app development project.
- › Distributed tasks and deadlines within the **Scrum** framework 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 Scratch.
- › 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*
Maths A - B
Further Maths A - C
Polish Language A - A*

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 **L^AT_EX**. This CV can be found on my GitHub account **SzyJ**.



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 2017 - July 2018
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 2016 - May 2016
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 2015 - July 2015
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