MComp Game Developement student passionate about tools, network and engine developement with a focus on C++.

Education

Newcastle University [2015 - Present]

- 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.
 - > Experiance 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** ramework for my team and organised help sessions.

St. Ambrose College [2008 - 2015]

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

Stage 4

Average of TBD% Adv. G. Prog. **96%**

Stage 3

Average of **75**% Dissertation 74% Games Prog. 82% Graphics Proq. 80% Concurrency 89% Cryptography 85%

Stage 2

Average of 78%

Stage 1

Average of 73%

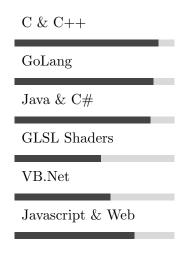
A-Level

Grades of A - C Computing A* - A Maths A - BFurther Maths A - C Polish Language A* - A

GCSE

Grades of A - C

Attributes and Skills



- Use custom rice for my **Emacs** and **Linux** configurations.
- Familiar with markdown and LATEX.
- Regularily maintain and add Github projects on my personal account: github.com/SzyJ.
- Can fluently communicate in **English**, **Polish** and currently learning Japanese.
- Enjoy Skiing, Snowboarding and Skydiving whenever possible.



Work Experience

Formica Ltd.

- Documented the data storage, processing and flows throught all areas of the company, ensuring that all processing is GDPR compliant.
- ✓ Improved comapny productivity by developing scripts allowing for automation of processes such as extracting data from scans of purchase orders.
- **♥** Newcastle-Upon-Tyne, UK
- **?** Analysed company systems producing documents relating to GDPR compliance.

PCMS

- Wrote code primerily in Java using the Spring framework, 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.

- 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.

Other places of employment

Research Intern at EventPad: Finding contact leads to surpass daily goal each day.

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