IGOR SIERGIEJ

07480204077 | igorsiergiej@gmail.com

106 Robin Hood Road, Coventry, CV3 3AX

GitHub | **Portfolio Website**

PERSONAL PROFILE

A recent computer science graduate with a **First Class Honours** degree at Aberystwyth University with a dedication to solving problems and a passion for learning new skills in new working environments. In search of a position as a **Graduate Software Engineer** where I can apply my knowledge to solve problems alongside others in development teams.

KEY ACHIEVEMENTS AND SKILLS

- Adept knowledge of programming in **Java** and experience working in a Agile **Scrum** development team.

- I have worked on a few personal projects on my **GitHub** page. This includes a **Java-based** desktop application for tracking and planning a diet. I've implemented a login system for users to create accounts where data is stored on a **PostgreSQL** database.

- During my time at University I've learned basic web development, it inspired me to get familiar with **React** and **TypeScript** and create my own website.

- Experienced with **Android** mobile application development. I've used the **Jetpack Compose** toolkit to build native UI and Material 3 to design and style modern UI. For a university assignment I learned **Kotlin** to write an application to help users learn languages, their dictionary was saved in a local database using Room.

- During my time at Siemens I have become familiar with agile project management tools like: **Jira, Confluence, and Bitbucket**.

- Being a demonstrator has helped me develop my communication skills by teaching fundamental programming concepts to first year students.

EDUCATION

Aberystwyth University   September 2019 – July 2023

First Class Honours BSc. Computer Science (with integrated year in industry)

From studying this course I have learned to have a strong work ethic through handing in assignments and I've become a competent **Java** programmer using **Intellij** IDE. I'm also familiar with working with both **Linux** and **Windows**.

These are my module marks:

- Introduction to Computer Infrastructure : 82
- Mobile Development with Android: 82
- Introduction to Programming : 79
- Computational thinking : 93
- Professional and Personal Development : 77
- Problems and Solutions : 88
- Fundamentals of Web Development : 74
- Programming Using an Object-Oriented Language : 79
- Algorithm Design and Data Structures : 72
- Programming for the Web : 72
- Modelling Persistent Data : 92
- Software Engineering : 72
- Web Design and the User Experience : 86
- Artificial Intelligence : 74

Bishop Ullathorne Catholic Sixth Form   September 2017 – July 2019
A levels

- Maths : B
- Chemistry : B
- Physics : C

Bishop Ullathorne Catholic School   September 2012 – July 2017

- 10 GCSEs Including Maths, English and Computing at grades C or Above.

WORK EXPERIENCE

Student Software Engineer at Siemens   June 2021 – May 2022

- Quickly adapted to a large code base and completed training to use and learn new tools and products.
- Provided programming estimates and identified potential problems.
- Worked with development team to integrate business logic into functional code.
- Worked in close cooperation with project managers and other functional team members to form a team effort in development.
- I collaborated with other members of the quality assurance team working on a performance testing framework.
- I also worked on writing tests using **JMockit** for mocking objects. In addition to this I was also tasked with fixing bugs in both the front-end and back-end parts of the tool.

Aberystwyth Computer Science Department Demonstrator   September 2020 – June 2021

- As a demonstrator, I assist first year students in practical sessions. I help them understand key programming concepts and I help them improve their code quality.
- In my demonstrating sessions I have showcased my communication skills and understanding of programming concepts by effectively helping out other students in many sessions.

Nuffield Research Placement   August 2018
Full-time, Faculty of Engineering, Environment and Computing, Coventry University, Researcher

- I worked alongside a professional computer scientist and I carried out an independent project on Convolutional Neural Networks.
- This gave me a detailed insight on machine learning and image recognition, as well as improving my knowledge in Python programming.

INTERESTS AND ADDITIONAL INFORMATION

- I am a part of the Peer Guide scheme in Aberystwyth University where I help all new students settle in and adjust to life in University.
- My first language is English, however, I am also fluent in the Polish language.
- I am interested in computer hardware; I built my own computer system and maintained it ever since.
- I have a passion for nutrition and powerlifting/bodybuilding, I try to involve these hobbies in my personal projects.

REFEREES

- Mrs Stonehouse, Deputy Headteacher, Leasowe's Ave, Coventry, West Midlands, CV3 6BH, 02476414515, e.Stonehouse@bishopullathorne.co.uk
- Dr Christine Zarges, Lecturer, Penglais, Aberystwyth SY23 3FL, +44(0)1970 622452, chz8@aber.ac.uk
- HR Department, Siemens Industry Software Limited, Brunel House, Sir William Siemens Square, Frimley, GU16 8QD