ADAM LOGAN

SOFTWARE ENGINEER

PROFILE

I am currently studying Software Engineering with Digital Technology (PwC) at Queens University Belfast.

I enjoy educating people on the impact of technology and how to use certain technologies as demonstrated within my role assisting in junior IT classes.

I am also an active member in the Queen's University Computing Society by attending talks hosted by the society and by participating within the 2020 Hack the COVID Hackathon. Within this event I, along with a team, presented our solution to a coronavirus specific problem to a panel of judges. I also participated in the 2021 Pediatrics Hackathon, in which I developed a mock app to assist in the flow of information from a responding paramedic to a specialist.

CONTACT

🌐 **LinkedIn**
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🌐 **Personal Website**
https://adam-logan-portfolio.netlify.app/

🌐 **GitHub**
https://github.com/adamlogan17

✉ **Email**
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TECHNICAL SKILLS

Development Languages
- Python
- Java
- HTML
- CSS
- JavaScript
- C++

Applications
- Microsoft Office
- G suite
- Azure
- Vantiq

EDUCATION

Software Engineering with Digital Technology Partnership
Queens University Belfast
2020 – 2024

Level 1		Level 2	
Architecture and Networks	83	Professional & Transfer Skills	86
Databases	85	Data Structures and Algorithms	82
Fundamentals of Maths for Computing	91	Software Engineering and Systems Development	84
Software Design Principles	88	Cyber Security	84
Web Technologies	77	Service Oriented Programming	93
Programming	88		

A-Levels
Belfast High School
2018 – 2020
Computer Science (A*); Mathematics (A); Chemistry (A)

GCSE
Belfast High School
2016 – 2018
10 GCSEs A*-A including English and Maths

PROJECTS

Web Technologies Project
Level 1
Within this project my team was tasked to create a web-based point-and-click escape room game. This demonstrates my *creativity* through creating a theme, story, and puzzles for this game. This project also shows my knowledge of web technologies such as *HTML, CSS,* and *JavaScript*.

A-Level Project
Upper Sixth (Year 14)
For my A-level project I created a hotel booking system in *Python* with a GUI. During this project I produced documents detailing the stages of development such as research & analysis, design, and testing. I used several well-known *Python* libraries such as *matplotlib, tkinter* and *sqlite3*.

WORK EXPERIENCE

PwC, Tech Consultant
13/06/2022–19/08/2022
During this summer placement, I developed two prototype applications, one which monitors temperature and humidity sensors and another that acts as a ride management application, for a theme park. These prototypes were developed using Vantiq.

During the course of developing these prototypes I created several test harnesses which would simulate data entering Azure. These test harnesses are Web Apps that are deployed on Azure and were developed in Python and used Flask, the Azure SDK, HTML and CSS.

I not only developed and improved on the technical skills listed above, but I also demonstrated my ability to work autonomously, manage a project and create innovative solutions to real world business problems.

PwC, Tech Consultant
14/06/2021–20/08/2021
Within the first half of this summer placement, I was trained on several technologies such as *Azure*, *Alteryx*, *UiPath* and *excel*.

The second half of my placement I was placed within the configuration team of a project which consisted of creating an online loan application process. Within this project I worked with *salesforce*, and I also manage the commercials and onboarding for a large project team (50+ colleagues), spanning two continents (PwC UK, CTech Poland and PwC South Africa) which demonstrates that my *ability to work within a multicultural team*.

Eason, Sales Assistant
19/02/2020 – 24/08/2020
My job at Eason's was heavily communication based. Everyday my role as a sales assistant required me to be polite and present myself in a friendly yet professional manner to the customers and my co-workers. This allowed me to develop my *confident demeanour*. Alongside this, working on the tills required cash handling which granted me the opportunity to prove I am *trustworthy* and thorough in all tasks I am asked to undertake.

PSNI, Software Engineer
29/07/2019 – 23/08/2019
At my 4 weeks' work experience with the PSNI, where I was placed within ICS in which I worked on several projects which were developing a facial recognition software, researching different handwriting recognition software and assisting ICS in finding a cloud storage provider. These projects tested both *my problem-solving skills* and *my logical thinking skills.*

Catalyst, Product Designer
17/06/2019 – 20/06/2019
When I was at the Generation Innovation work experience program, I was placed within a team, and then my team was assigned to LibertyIT. My team and I then had to pitch our solution to a problem given to us by LibertyIT, to several members of the company. After this we had to deliver the same pitch to the other teams on the program. This work experience program helped me to become a more *confident speaker*.