



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

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TECHNICAL SKILLS

Development Languages

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

Applications

- Microsoft Office
- G suite
- Azure
- Vantiq

ADAM LOGAN

SOFTWARE ENGINEER

EDUCATION



Software Engineering with Digital Technology Partnership Queens University Belfast

2020 – 2024

Level 1

Architecture and
Networks

83

Databases

85

Fundamentals of Maths
for Computing

91

Software Design
Principles

88

Web Technologies

77

Programming

88

Level 2

Professional & Transfer
Skills

86

Data Structures and
Algorithms

82

Software Engineering and
Systems Development

84

Cyber Security

84

Service Oriented
Programming

93



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*.

SKILLS

Interpersonal Skills

As can be seen above within my university projects and my work experience, I have been a part of many team projects which has assisted me in developing my communications skills and my ability to work effectively in a team.

Time Management

This skill is highlighted through my work experience as it demonstrates I can keep to deadlines given to me, by being organised. This skill is also proven by the fact that I managed to have a part-time job while attending school full-time.

Willingness to Learn

Within my spare time I read up on new concepts and technologies which I do not cover in university such as machine learning and the Linux command line. I also delve deeper into the technologies in which I study in university such as looking into the security issues of web technologies and exploring the NumPy and Pandas libraries in python.

INTERESTS & HOBBIES

Running

This hobby of mine demonstrates that I am determined as I do not give up when tired, but I push on until the end of a task.


Reading


I enjoy reading as it allows me to broaden my horizons and expand my knowledge within the tech industry.


Programming


My interest in programming is one of the reasons why I decided to pursue a career in software development. The main aspect of programming which I enjoy is the many ways a problem can be solved.


AWARDS AND QUALIFICATIONS


 Civica Award (Achieved by obtaining the highest mark in my Level 2 Software Engineering and Systems Development Module)


 Microsoft Security Fundamentals

 Microsoft Azure Fundamentals

 PwC Digital Acumen Badge

 Alteryx Designer Core

 Understanding Business, Language and Tourism (Level 2)

 Bronze Duke of Edinburgh Award

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*.