



PROFILE

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

I'm a dedicated software engineer with experience spanning cloud, IoT, and finance transformation. Proficient in tools like React, Python, and Java, I've adeptly managed diverse projects, both solo and team based. My commitment to continuous learning is bolstered by both academic and real-world insights.

I'm also an engaged member of the Queen's University Computing Society, frequently attending educational talks and participating in hackathons. Notably, in the 2020 Hack the COVID Hackathon, my team devised a solution for a pressing coronavirus challenge. Additionally, during the 2021 Paediatrics Hackathon, I pioneered a mock app enhancing paramedic-specialist communication.

CONTACT

 **LinkedIn**
www.linkedin.com/in/adamlogan42

 **Personal Website**
<https://adam-logan-portfolio.netlify.app/>

 **GitHub**
<https://github.com/adamlogan17>

 **Email**
adamlogan42@gmail.com

TECHNICAL SKILLS

Development Languages

- Python
- Java
- React
- NodeJs
- C++

Applications/Development Tools

- Azure
- Vantiq
- Git

ADAM LOGAN

SOFTWARE ENGINEER

EDUCATION



Software Engineering with Digital Technology Partnership Queens University Belfast

On track to graduate with a 1st. Grades for completed modules can be seen at the following link <https://adam-logan-portfolio.netlify.app/#education>.



Secondary Education Belfast High School

2013 – 2020

A-Levels: Computer Science (A*); Mathematics (A); Chemistry (A)
10 GCSEs A*-A including English and Maths

PROJECTS



Final Year Project

Level 3

In my final year, our team embarked on the development of two software systems centred around the topic of Paediatric Delirium.

The first system, an audit tool, is designed to support academic research within this domain. It also acts as a benchmark to ensure the compliance of individual PICUs with the industry's established standards.

The second is a dynamic e-learning platform. Aimed at educating both nurses and parents about Paediatric Delirium, this platform is built with adaptability in mind. We ensured that non-technical staff could readily update, edit, or remove content, reflecting the evolving nature of research in this area.

Our collective efforts in the project's initial stages revolved around defining the systems' scope, designing the interfaces, and prototyping the solutions. A significant portion of my contribution centred on *requirements engineering* and *system architecture*, making decisions about the optimal technologies for our objectives. Throughout this collaborative endeavour, our team gained hands-on experience with tools and technologies like *Docker*, *React*, and *Node.js*.



Systems Development Coursework

Level 2

During our project, my team and I developed "Technopoly", a console-based adaptation of Monopoly. Throughout the project, we emphasised comprehensive design, creating UML artefacts such as a *use case diagram*, *sequence diagrams*, and associated descriptions. Furthermore, I delved deeper into the software development lifecycle with a focus on testing, particularly crafting *JUnit* tests for the *Java* application. Additionally, I engaged in *pair programming* sessions, which facilitated robust code development and enhanced collaborative problem-solving.

SKILLS

Interpersonal Skills

Both my university projects and professional experience involved collaborative endeavours. These team-based projects have honed my communication abilities and reinforced my capacity for effective teamwork.

Time Management

I have consistently demonstrated exemplary time management skills, effectively balancing rigorous software development projects with active participation in university events.

Willingness to Learn

Throughout my academic and professional journey, my proactive involvement in diverse projects, hackathons, and continuous skill acquisition reflects a strong and unwavering willingness to learn.

INTERESTS & HOBBIES

Running

My dedication to running showcases my resilience and determination. Even when faced with fatigue, I persevere, reflecting my commitment to seeing tasks through to completion.


Reading

My passion for reading not only nurtures my intellectual curiosity but also continually deepens my understanding and insights into the tech industry.


Programming

My enthusiasm for programming was a driving force behind my choice to venture into software development. What captivates me most is the multifaceted approaches available to address a single problem.


AWARDS AND QUALIFICATIONS


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

 Microsoft AI Fundamentals
 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



Web Technologies Project

Level 1

During our project, my team and I embarked on creating a web-based point-and-click escape room game. This demonstrates my *creativity* through creating a theme, story, and puzzles for this game. The project, beyond its creative dimensions, provided a valuable platform to enhance my JavaScript skills. As I delved into the game's development, I encountered various challenges and scenarios that pushed my technical abilities, enabling me to further solidify and expand my proficiency in *JavaScript*.

WORK EXPERIENCE



PwC, Tech Consultant

21/09/2020 – Current

Throughout my four placements, I amassed a wide range of experience across domains such as *cloud*, *IoT*, *finance transformation*, *Salesforce*, and *Google AppScript*. Serving in various capacities across four projects, I took on roles ranging from project management and test management to development. These roles not only provided me the opportunity to travel across the UK, attending internal events and training sessions but also enabled me to delve deep into practical applications.

My versatility was further underscored by my ability to seamlessly integrate into teams of varying sizes, from expansive groups to solo endeavours, demonstrating both my *team collaboration skills* and capacity for *independent work*. My projects reached across borders, encompassing teams from CTech Poland, PwC India, PwC Middle East, and PwC South Africa, highlighting my *adeptness at functioning within multicultural environments*. Client engagement formed a significant aspect of my roles, evident from my direct interactions through status reports and meetings. Moreover, I adeptly handled existing platforms, placing an emphasis on *crafting detailed, developer-centric documentation*.

On the professional development front, I acquired certifications in *Alteryx* and *Microsoft Azure* to solidify my domain knowledge. In more tech-intensive capacities, I delved into practical applications using tools like *React*, *Python*, *Vantiq*, and the *Azure SDK*, enhancing my proficiency in *web app development* and *REST APIs*. Additionally, I undertook training modules in *UiPath*, *PowerBi*, and *Excel* to further augment my skill set.



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*.