Dean Logan

Belfast Metropolitan Area

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Summary

I am currently working at PwC as an apprentice software engineer in their Flying Start Degree programme and as part of this programme, I am studying software engineering at Queens University Belfast. I have experience with HTML, Python, SQL and Java which I learnt during my various work experiences and my time studying in school. I am also interested in data analysis and cyber security. For more information you can visit my CV website here.

Experience

Technology Consultant (Apprentice)

PwC UK

Aug 2020 - Present

As part of the Flying Start Degree programme, I have worked on a variety of projects using different technologies like Google App Script, UiPath, Celonis, Jira, Azure DevOps, etc. So far, I have worked on a project creating a TDW (Tech Delivery Workbench), which is a tool that links different management services together making the development process easier to manage. On another project worked with a team to use process mining and RPA to improve the clients' financial processes. I've also created a google workspace add-on called "Data Lab Importer", this asset enabled users to import data from an internal data source "Data Lab" directly into a google sheet.

Software Engineer (Work Experience Programme)

Police Service of Northern Ireland

Aug 2019 - Aug 2019 (1 month)

I was part of a Sentinus IT Bursary Scheme which connected me to the PSNI. When on the PSNI site I created a prototype facial recognition system using the programming language python. I also worked on helping the PSNI set up a secure cloud storage system called box and created a program that allows the user to interact with spreadsheets on box, the program allowed the user to upload single records or upload records as a batch file, delete multiple records and edit these records as well. I also did extensive research into hand writing recognition to help the PSNI to upload all their hand written notes to the cloud. During this placement and the creation of these systems I had to work with a group of people on the PSNI and contact people at box, this helped me develop team working skills and improved my communication abilities. This experience took place over four weeks.

Project Manager (Work Experience Programme)

Catalyst

Jun 2019 - Jun 2019 (1 month)

At Catalyst I was a part of the Generation Innovation Re imagining Work Experience Program which took place over four days. Here I worked in a team with six other students, one facilitator from Catalyst and a representative of the company my team was paired with (Allstate). In this team we worked together to form a product to solve a problem Allstate gave us, this problem was "how do we make transport smarter, safer and more useful for everyone in Belfast?". For the first three days we went through all the different stages of designing a product and on the fourth day we travelled to the company and presented our finished product to twenty of the senior staff. After this we had a three-

minute pitch of our idea to over 250 people, some of which including staff from different companies and universities like Queens and Ulster. We had to choose two people to give this pitch and I was one of them.

Research Assistant

Ulster University

Mar 2019 - Mar 2019 (1 month)

I was working with Ulster University as part of a Sentinus Insight Into IT Research Scheme which took place over a week. During this time I worked in a team with two other people investigating different scientific experiments using virtual laboratories. After we did these experiments as a team we all worked together to complete a write-up on each of the experiments we completed.

Software Engineer (Work Experience Programme)

Liberty IT

Dec 2018 - Dec 2018 (1 month)

I was working in a team with three other students from different schools to create a web-page that would calculate what insurance a customer would get depending on their circumstances. This work experience was only for a week and was apart of a work experience program the company holds.

Education

Queen's University Belfast

Software Engineering with Digital Tech Partnership, Computer Software Engineering
2020 - 2024

Belfast High School

2013-2020
GCSE Results:

• A* in Computer Science, Electronics, Geography and Double Award Science • A in Mathematics • B in English Literature • C in English Language and Religious Studies • UBELT (Understanding Business, Enterprise, Languages and Tourism) (Level 2)

A-Level Results:

• A* in Electronics and Computer Science • A in Mathematics

Skills

Communication • Research • Programming • Machine Learning • Problem Solving • Leadership • Web Development • Agile Methodologies • Databases • Teamwork • Amazon Web Services (AWS) Microsoft Azure • Cloud Security • Microsoft Azure • Cloud Computing • TensorFlow

Licenses & Certifications

Digital Acumen Badge - PwC UK

Alteryx Designer Core Certified - Alteryx
Issued Jul 2021 - Expires Jul 2023

Certified to Build Action Flows - Celonis
Issued Jul 2022 - Expires Jul 2023

Certified to Build Analyses – Basics - Celonis
Issued Jul 2022 - Expires Jul 2023

Certified to Build Analyses – Advanced - Celonis
Issued Jul 2022 - Expires Jul 2023

Certified to Build Knowledge Models and Views - Celonis
Issued Jul 2022 - Expires Jul 2023

Certified to Get Data Into the EMS - Celonis
Issued Jul 2022 - Expires Jul 2023

Solution Creation Expert - Celonis
Issued Jul 2022 - Expires Jul 2023

EMS Technical Expert - Celonis
Issued Jul 2022 - Expires Jul 2023

Certified to Identify and Drive Opportunities - Celonis
Issued Jul 2022 - Expires Jul 2023

Microsoft Certified: Azure AI Fundamentals (AI-900) - Microsoft
AI-900

Microsoft Certified: Azure Fundamentals (AZ-900) - Microsoft
AZ-900

Microsoft Certified: Security, Compliance, and Identity Fundamentals (SC-900) - Microsoft
SC-900

Microsoft Certified: Azure Data Fundamentals (DP-900) - Microsoft
DP-900

AWS Certified Cloud Practitioner - Amazon Web Services (AWS)
Issued Oct 2022 - Expires Oct 2025

Microsoft Certified: Power Platform Fundamentals (PL-900)- Microsoft
PL-900

Machine Learning with Python - freeCodeCamp

Honours & Awards

FIRST Tech Challenge UK Pioneer of 2020 – FIRST Tech Challenge UK
Feb 2020

The FIRST Tech Challenge is a robotics competition where you build aa robot as part of a team which competes in various challenges against other teams. This Award is for winning the competition within the UK, I was primarily responsible for the development of the software of the robot including the AI used for the antimonious portion of the competition which involved the robot finding a block with a specific picture on it, lifting this block and placing it on a platform then parking the robot. I created the program for the robot using Java.

Bronze Duke of Edinburgh Award - The Duke of Edinburgh's Award Nov 2017