

Luke McDowell

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WORK EXPERIENCE

PwC, Leeds - *Technology Degree Apprentice*

Sep 2019 - Present

Spent 10 months working in the Data & Analytics team within Deals Technology. Helped to design and develop a solution to visualise transactional data in the private equity market. Transformed and cleaned the ingested data using SQL. Designed and developed reports in Power BI to visualise the data. Helped in promoting adoption of the new solution by engaging with different teams within Deals to demo the tool and gather feedback.

Built several solutions to help various members of the team and other stakeholders within deals such as an automated Alteryx workflow containing a Python script that scraped and cleaned data from the web and a web application, which acts as a central location for project and team management, created in MS Power Apps that is now widely used by the Deals Technology team.

Completed 2 months of training in the Application Development team within Deals Technology. Designed and implemented a 'Higher or Lower' card game web application. Implemented an ASP.NET Core Web API backend and a ReactJS frontend. Also used Entity Framework to create models to store user scores in a local SQL database and implemented user authentication using Auth0.

Spent a 10-week summer placement in Consulting developing financial reports using Power BI and MS Excel.

EDUCATION

University of Leeds - *Computer Science (Digital & Technology Solutions) BSc*

2019 - 2023

Currently completing my degree on the PwC Technology Degree Apprenticeship programme. Scheduled to complete dissertation entitled "Using Visualisation to Investigate and Explain Classification Models" in the upcoming academic year.

Studied a wide range of modules including Algorithms, User Interfaces and Object Oriented Programming. Will be studying Machine Learning, Data Science, Blockchain Technologies and more in the upcoming academic year.

Ballyclare High School - *A Levels & GCSEs*

2012 - 2019

AAB Mathematics, Digital Technology and Physics at A Level. 10 GCSEs with English Language and Mathematics.

SKILLS

Programming

Javascript • Python • C# • Java • C

Web & Database

HTML • CSS • SQL

Frameworks

Bootstrap • ReactJS • ASP.NET Core

Data Analysis/Visualisation

Power BI • Alteryx • Tableau

Tools/Technologies

Git • DevOps • Postman • SQL Server (SSMS) • Azure • MS Office

Languages

English (Fluent) • Spanish (Intermediate - up to AS Level)

AWARDS & CERTIFICATIONS

Gold Duke of Edinburgh's Award. Microsoft Certified: Power BI Data Analyst Associate, Azure Fundamentals.

INTERESTS

Boxing, Football, Chess, DJing, Martial Arts, Reading.