

Patrick Devine

12 Apple Way, Middleton , M24 1GX | patrick.devine33@gmail.com | <https://patrick-devine.netlify.app> | +44 7453292031

PERSONAL STATEMENT

A proactive, reliable hard worker with excellent communication, organisation and time management skills. Ability to collaborate with others at all levels, and a confident presenter. Professional experience in Data Analysis, Machine Learning, creation of Power BI reports across multiple departments and provided knowledge in optimisation of business operations. Seeking experience to contribute to a dynamic organisation whilst developing skills and knowledge.

PROFESSIONAL EXPERIENCE

Rathbones

Finance BI & DA Senior Analyst

Liverpool, UK
June 2025 – Present

- Utilising machine learning algorithms to inform business decisions and enhance operational outcomes
- Investigating product life cycles and collaborating with key stakeholders for development
- Leading projects with a data focus approach

Unique Group

Operational Data Analyst Intern

Aberdeen, UK
June 2024 – August 2024

- Identified patterns, trends and anomalies in data with good accuracy
- Created 5+ automated Power BI reports for different departments of the business to optimise operation functions
- Effectively communicated and presented findings in reports to different levels of technical understanding

J M Taylor

Accounts Assistant

Aberdeen, UK
May 2023 – January 2024

- Engaged in accounts production and management, ensuring accurate financial reporting and compliance
- Conducted auditing processes to verify the integrity of financial data and adherence to regulatory standards
- Operated IRIS accounting software and created journals via Excel

SKILLS AND ACHIEVEMENTS

Technical: Python, PowerBI, SQL, Git, Microsoft Excel

- Packages: Scikit-learn, PyTorch, Numpy, Pandas

Projects:

- Multi-Armed Bandit Algorithm: Implemented an epsilon-greedy multi-armed bandit algorithm using Numpy to optimise reward-based decision making
- ResNet50 Image Classifier: Developed and fine-tuned ResNet50 CNN using PyTorch, achieving 92.6% accuracy
- Student Success Prediction: Achieved 81% classification accuracy in modelling student's academic success using SVM
- NBA MVP Predictor: Successfully modelled the top 3 contenders and winner of the 2024 NBA MVP award using ExtraTrees
- Excel Fundamentals for Data Analysis: <https://coursera.org/share/aff6d916acbb8b09fc2f539dfbd3cd70>

EDUCATION

University of Liverpool

MSc Data Science and Artificial Intelligence
Project: Stock Price Prediction Model

Liverpool, UK
September 2024 – September 2025

University of Aberdeen

BSc (Hons) Mathematics

Aberdeen, UK
September 2020 – June 2024

University of Florida (Study Abroad)

Non-Degree (Mathematics Focus)

Gainesville FL, USA
Spring, Summer & Winter semesters, January 2022 – December 2022