Roy Wilson
CIMA Cert BA, MSc, BSc

Curriculum Vitae
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in Roy Wilson

Overview
➤ Masters graduate in Accounting and Finance (Distinction).
➤ Special interests in R statistical programming, data analysis and visualisation, and data processes automation.

Education

2019	**Master of Science in Accounting and Finance (Distinction)**	Bangor University

Financial Analysis (78%), Management Accounting (83%), Accounting Theory (81%), Financial Econometrics (65%), Research Methods (71%), Advanced Financial Reporting and Regulation (81%), International Financial Markets (64%).

Bangor University & Fitch Learning

Summer project: Financial Research and CFA Series Covered the CFA Level 1 syllabus with mock exam and 2 financial research assignments.

2018	**Bachelor of Science in Accounting and Finance with First-Class Honours**	Bangor University

Investment, Advanced Corporate Finance, Auditing, Advanced Investment Theory and Practice, Corporate Risk Management, Financial Statement Analysis, Comparative Banking, Taxation, Advanced Accounting Theory and Practice, Statistical Methods, Company Law for Business

2015	**A Levels: Information Technology, Accounting, Maths (statistics)**	Birmingham Metropolitan College

Birmingham, UK

2013	**GCSEs: 8 GCSEs A-B, including English, Maths, and Science**	Beamont Collegiate Academy

Warrington, UK

Employment

2016-Present	**ASDA Stores Ltd.**	Bangor, UK

Sales assistant; experience giving great customer service; stock rotation; perpetual inventory management; training new colleagues; teamwork, leadership and delegation experience; supporting product recalls

Professional qualifications and awards

	Vulnerable person safeguarding training	Bangor University
	Associate Member, Chartered Institute of Management Accountants	CIMA
	CIMA Certificate in Business Accounting	CIMA

Fundamentals of Business Economics, Management Accounting, Financial Accounting, Ethics, Corporate Governance and Business Law

	2020 Digital Mindset AICPA certificate	CIMA

Robotic Process Automation (RPA), blockchain technology, human intelligence, data analysis theory and the future of finance

Projects

| 2021 | **Dynamic documents** | |
| | This CV was produced using code in R using the {vitae} package. | |

| 2021 | **Data analysis blog written in R markdown** | RoyW.netlify.app |
| | Example of dynamicly produced articles and a useful resource to keep track of useful code snippets | |

| 2020 | **Dashboard web application written in R shiny** | JackWilson.shinyapps.io/cterom/ |
| | Calculate the thermal expansion of High Entropy Alloys (HEAs) using the rule of mixtures approach | |

| 2016-2018 | **Treasurer at Bangor University Chess Society** | Bangor University |
| | Experience running interactive sessions; undertook a teaching role; managing purchases and the society's budget | |

| 2019 | **Welsh language** | Bangor University |
| | Pellach/further level | |

| 2009-2013 | **Visual Basic / VB.NET** | |
| | Experience building GUIs in a compiled language; experience in functional programming | |

Professional interests and skills

| 2020 | **R for Data Science** | Jumping Rivers RSS Accredited |
| | Manipulating data, statistical modelling, functional programming, and advanced graphics in R. Familiar with the tiderverse and data.table packages | |

| 2020 | **PostgreSQL** | Data Camp |
| | SQL fundamentals; familiarity with basic queries and aggregate functions | |

| | **Microsoft Office Suite** | |
| | Including Excel and Access, familiar with data functions (e.g. pivot tables) and working with relational databases | |

| | **Desire to expand on my knowledge of specialist tools for different applications** | |

| 2019 | **Programming Principles and Practice using Python** | Bangor Doctoral school |
| | Fundamental programming concepts and best practice | |

| 2019 | **Advanced Python** | Bangor Doctoral school |
| | Exceptions; libraries; documentation and unit testing; mapping and fitlering; lanbda functions; additional tools | |

| 2019 | **Introduction to the Linux Shell** | Bangor Doctoral school |
| | Navigating file structures; working with files and directories; standard out, standard error and pipes; loops; conditions; re-use though scripts | |

Professional and academic referees are available on request.