

# Roy Wilson

CIMA Cert BA, MSc, BSc

Curriculum Vitae  
May 2021

📍 Bangor, Wales. Open to relocation.  
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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.
- Seeking role within a finance or data analytics function.

## Education

2019	<b>MSc in Accounting and Finance (Distinction)</b> 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%). Summer project: Financial Research and CFA Series covering the CFA Level 1 syllabus with mock exam and 2 financial research assignments.	Bangor University & Fitch Learning
2018	<b>BSc in Accounting and Finance (First-Class with Honours)</b> 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	Bangor University
2015	<b>A Levels: Information Technology, C, Accounting, C, and Maths (statistics), C</b>	Birmingham Metropolitan College
2013	<b>GCSEs: 8 GCSEs A-B, including English, Maths, and Science</b>	Beamont Collegiate Academy

## Employment

2016-Present	<b>ASDA Stores Ltd.</b> Sales assistant; experience giving great customer service; stock rotation; perpetual inventory management; training new colleagues; teamwork, leadership and delegation experience; supporting product recalls
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## Professional qualifications and awards

<b>Vulnerable person safeguarding training</b>	Bangor University
<b>Associate Member, Chartered Institute of Management Accountants</b>	CIMA
<b>CIMA Certificate in Business Accounting</b> Fundamentals of Business Economics, Management Accounting, Financial Accounting, Ethics, Corporate Governance and Business Law	CIMA
<b>2020 Digital Mindset AICPA certificate</b> Robotic Process Automation (RPA), blockchain technology, human intelligence, data analysis theory and the future of finance	CIMA

Verify 2020 Digital Mindset badge

## Projects

2021	<b>Dynamic documents</b> This CV was produced using code in R using the {vitae} package.	
2021	<b>Data analysis blog written in R markdown</b> Example of dynamically produced articles and a useful resource to keep track of useful code snippets	RoyW.netlify.app
2020	<b>Dashboard web application written in R shiny</b> Calculates the thermal expansion of High Entropy Alloys (HEAs) using the rule of mixtures approach	JackWilson.shinyapps.io/cterom/
2016-2018	<b>Treasurer at Bangor University Chess Society</b> Experience running interactive sessions; undertook a teaching role; managing purchases and the society's budget	Bangor University
2019	<b>Welsh language</b> Pellach/further level	Bangor University
2009-2013	<b>Visual Basic / VB.NET</b> Experience building GUIs in a compiled language; experience in functional programming	

## Professional interests and skills

2020	<b>R for Data Science</b> Manipulating data, statistical modelling, functional programming, and advanced graphics in R. Familiar with the tidiverse and data.table packages	Jumping Rivers RSS Accredited
2020	<b>PostgreSQL</b> SQL fundamentals; familiarity with basic queries and aggregate functions	Data Camp
	<b>Microsoft Office Suite</b> Including Excel and Access, familiar with data functions (e.g. pivot tables) and working with relational databases	
	<b>Desire to expand on my knowledge of specialist tools for different applications</b>	
2019	<b>Programming Principles and Practice using Python</b> Fundamental programming concepts and best practice	Bangor Doctoral school
2019	<b>Advanced Python</b> Exceptions; libraries; documentation and unit testing; mapping and filtering; lambda functions; additional tools	Bangor Doctoral school
2019	<b>Introduction to the Linux Shell</b> Navigating file structures; working with files and directories; standard out, standard error and pipes; loops; conditions; re-use through scripts	Bangor Doctoral school

Professional and academic referees are available on request.