

# Roy Wilson

CIMA Cert BA, MSc, BSc

## Curriculum Vitae

August 2021

📍 Bangor, open to relocation  
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in RoyWilsonUK

## Overview

- Masters graduate in Accounting and Finance (Distinction).
- Special interests in R statistical programming, data analysis and visualisation.
- Seeking role within a finance & accounting, data analytics, or business analyst/intelligence function.
- 7 exam exemptions for the CIMA and ACCA qualifications. CIMA masters gateway route is available.

## Education

2019	<b>MSc in Accounting and Finance (Distinction)</b> • Modules include: 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 and financial research titled 'the Role of Credit Rating Agencies' and 'Investigating the Efficient Market Hypothesis'.	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: Maths C, Accounts C, ICT C</b>	Birmingham Metropolitan College
2013	<b>GCSEs: 8 GCSEs A-B, including English, Maths, and Sciences</b>	Beamont Collegiate Academy

## Employment

2016-Present	<b>ASDA Stores Ltd.</b> <ul style="list-style-type: none"><li>• Provide excellent customer service</li><li>• Perpetual inventory management, stock rotation, supported product recalls, routine processes</li><li>• Setting up modular and promotional displays and merchandising</li><li>• Familiar with maintaining KRAs and general store performance metrics</li><li>• Training new colleagues; teamwork, leadership and delegation experience</li></ul>
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## Professional qualifications and awards

<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	Association of International Certified Professional Accountants
<b>Vulnerable person safeguarding training</b>	Bangor University

## Professional skills

2020	<b>R for Data Science</b> Manipulating data, statistical modelling, functional programming, and advanced graphics in R.	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	
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; and 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; and re-use through scripts	Bangor Doctoral school
	<b>Desire to expand on my knowledge of specialist tools for different applications</b> Interest in learning rapid development tools like Tableau, Alteryx, and Power BI.	

## Personal projects

2021	<b>Dynamic documents</b> Dynamic documents written in R markdown - including this CV!	
2021	<b>R markdown blogdown site</b> Example of dynamically produced articles and a resource to keep track of useful code	RoyWilson.UK
2020	<b>R Shiny dashboard web application</b> Calculates the thermal expansion of high entropy alloys using the rule of mixtures approach	RoyWilson.UK/HEA/
2009-2013	<b>Visual Basic / VB.NET</b> Experience building GUIs in a compiled language; experience in functional programming	

## Hobbies and interests

	<b>Welsh learner</b> <ul style="list-style-type: none"> <li>• Learning Welsh to communicate with other learners and colleagues</li> <li>• Enjoyed engaging with the ysgol haf, and Ffrind Cymraeg project</li> </ul>	
	<b>Books and audiobooks</b> Avid consumer of audiobooks	
	<b>Computing and data visualisation</b> Learning how to better represent data and honing my programming and computing skills	
	<b>Financial econometrics and financial modelling</b> Making sense of financial markets through reading the Journal of Financial Econometrics	
2016-2018	<b>Treasurer at Bangor University Chess Society</b> <ul style="list-style-type: none"> <li>• Organised and delivered interactive sessions</li> <li>• Took control of purchases and delivered the society's budget</li> </ul>	Bangor University