

ANTHONY R ROAN

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PROFILE

Actuarial modelling specialist with broad experience across pensions, remediation programmes and financial services calculations. Completed an MSc in Data Science at the University of Bristol and bring a strong background in Excel/VBA automation, Python-based analysis and large-scale financial modelling. Currently working in the UK defined benefit pension buyout market with Darras Actuarial Services in Lisbon, supporting benefit calculations, scheme data analysis and pricing model development.

KEY SKILLS

Advanced VBA and Excel
Programming and automation
Financial modelling
Statistical Analysis

DB Pension Calculations
Scheme data analysis
Pricing model support
Remediation calculations

Python and R
Data visualisation = Tableau
SQL and APIs
Testing and implementation

PROFESSIONAL EXPERIENCE

Darras Actuarial Services | Sept 2024 – Present

Actuarial Analyst

- Supporting UK defined benefit pension buyout and buy-in transactions for large schemes, including multi-billion-pound liabilities.
- Performing member-level benefit calculations, analysing scheme rules and validating data used for insurer quotation and transaction preparation.
- Contributing to pricing and liability model development, including Python-based work alongside established actuarial calculation processes.

Phoenix Life | June 2022 – Sept 2022, Jan 2024 – Sept 2024

Calculation Analyst

- Worked within the calculation systems team supporting regulated life and pension products, with responsibility for calculation accuracy across core customer outputs.
- Specified, tested and implemented updates to illustration systems, policy calculations, databases and rate tables, including BANCS-related migration work.

RedSix | Mar 2022 – June 2022

VBA Developer

- Built and automated a BREEAM-focused spreadsheet tool in VBA, improving the tracking and reporting of sustainable construction projects.
- Delivered the project from requirements through development, testing and rollout, adapting the tool to specialised client needs.

HSBC | Jul 2010 – Dec 2021

Senior Calculation Analyst

Sep 2017 – Dec 2021

- Built remediation models and reporting tools in Excel/VBA, extending spreadsheet workflows through SQL and API integration.
- Automated large-scale calculation processes, helping reduce departmental resource needs from 120 staff to 5.
- Produced business reporting and visual analysis for senior management and supported the transfer of automation processes to India through documentation, training and live support.

Calculation Analyst

Jul 2016 – Sep 2017

- Led automation of PPI calculations, beginning with Credit Card Plevin re-runs, and developed tools to reopen and recalculate large case volumes efficiently.
- Documented end-to-end redress workflows and validated outputs through detailed testing, analysis and debugging of customer communications.

Calculation Team Manager

Jan 2013 – Jul 2016

- Managed a team of 12 actuaries responsible for investment sales advice redress in a target-driven environment.
- Improved calculation processes, oversaw the Adviser Sales Review and introduced automated quality checks for financial data and management information.
- Worked with the Senior Actuary to define redress principles, effectively communicating these strategies to stakeholders at various levels.

Calculation Quality Tracking

Jul 2010 – Jan 2013

- Acted as calculation checker for the Pension Switching Thematic Review and authorised more than 1,000 customer calculations, with total redress exceeding £15 million.
- Produced documented calculation methodology and auditable packs to communicate approach, data requirements and results.

PREVIOUS EMPLOYMENT

Actuarial Consultant | Aon Hewitt

Jul 2007 – Jun 2010

- Worked on pension scheme calculations including valuations, transfer values, augmentations, retirements, commutations and accounting figures under FRS/IAS/FAS.
- Reviewed transfer value bases and factors, supported annual funding updates and contributed to PPF levy calculations and mitigation work.

Endowment Review Complaint Handler | Hazell Carr

May 2005 – Jun 2007

- Managed mortgage endowment review cases from complaint assessment through redress calculation and customer correspondence.

QUALIFICATIONS

MSc Data Science - Distinction University of Bristol	2023
AWS Cloud Practitioner Certificate Amazon Web Services	2022
CII Financial Diploma Level 4 CII Institute	2012
Actuarial Exams CT1, CT2, CT3, CT7, CT9 Institute and Faculty of Actuaries	2009
PGCE Further Education Mathematics Cardiff University	2005
BSc Mathematics - 1st Class (Hons) Cardiff University	2001

ADDITIONAL INFORMATION

Interests and Activities: Outside work I enjoy reading philosophy and science fiction, playing guitar and working on small Python projects. I also enjoy fly-fishing, keeping fit and visiting National Trust sites.