Software Engineer and Part Qualified Actuary · Cork, Ireland · barry7ie@gmail.com · +353 (0) 87 255 3482

BARRY O' FARRELL | CURRICULUM VITAE

❯❯ I am open to full-time positions across all industries and sectors. ❮❮

❯ **Status:**	MSc. Info Sec. Student, HDip. Applied Computing, BSc. Financial Mathematics & Actuarial Science	
❯ **Fields:**	Data Analysis, Software Development, Cyber Security, Accessibility	
❯ **Lang.:**	Python, Bash, HTML5, CSS3, Javascript, LAMP, Postgresql, Selenium	
❯ **Tools:**	Git, Sourcetree, Terminal, DPI 15 + NatLink + Dragonfly + Caster, MS Office, MS SQL Server 2008, SSIS	
❯ **Activities:**	Web Scraping, Coding by voice, information security	

EXPERIENCE

Actuarial Analyst - ORSA Development (MetLife, Dublin)   7/2016 - 9/2016

❯ Development/refinement of existing SII models to hasten the ORSA production process
❯ Documentation of developing process

Actuarial Analyst - ORSA Production (MetLife, Dublin)   4/2015 - 7/2016

❯ Production of ORSA/FLAOR Projections. Automating and documenting these processes.
❯ Assisting in the training and guidance of more junior members of the team.

Actuarial Analyst - EMEA Projections (MetLife, Dublin)   8/2014 - 4/2015

❯ Consolidating existing Projection Models across the EMEA region
❯ Implementng agreed New Business Methodologies

Actuarial Analyst - Finanial Reporting (MetLife, Dublin)   1/2013 - 7/2014

❯ Reporting quarterly reserves
❯ Analysing reasons for changes in reserves between quarters

Accounts Assistant (Doreen's Bakery, Cork)   2008 - 2012

❯ Inputted sales data in Excel & via Electronic Data Interchange
❯ Met monthly deadlines to have invoices correct & ready for dispatch

Reward Advisory Services - Summer Intern (PwC, Dublin)   6/2011 - 8/2011

❯ Compiled 'Executive Remuneration' database
❯ Involved in analysis of client remuneration data

Actuarial Summer Intern (Irish Life Group, Dublin)   7/2010 - 9/2010

❯ Re-evaluated several hundred pension policies, before a very strict deadline
❯ Reassessed calculations, after management changes, to the agreed valuation policy

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EDUCATION

Student MSc. Info Security (Cork Institute Of Technology) — 2018 - Present

❯ Malware analysis, Offensive security, Scripting

❯ Network and digital forensics, cryptography, Security management and law

Higher Diploma Applied Computing (University College Cork) — 2016 - 2017

❯ Python, HTML5, CSS3, RWD, Javascript, Server-side programming with Python

❯ Photoplus, XVI32 Hex editor images, Logic circuits & basic Assembly language, PHP, MySQL

Incomplete MSc. Mathematical modelling & scientific computing (UCC) — 2012 - 1/2013

❯ Incomplete, due to taking job offer from MetLife in January 2013

❯ First semester subjects covered: Mathematica, Cellular Automata, OOP (using C Sharp)

BSc. Financial Maths & Actuarial Science (University College Cork) — 2008 - 2012

❯ Financial mathematics, actuarial science, Statistics

❯ Mathematics, Applied mathematics

Secondary school (Coláiste an Spoioraid Naoimh, Cork) — 2002 - 2008

❯ (2008) Leaving certificate - 600 points (6A1s, 2A2s)

❯ Subjects: English, Irish, French, maths, physics, chemistry, technical drawing, applied maths