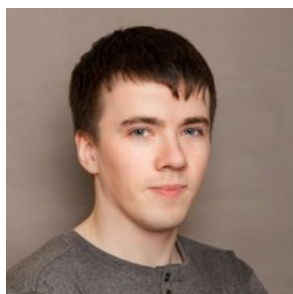


BARRY O' FARRELL | CURRICULUM VITAE

» 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

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
- » Implementing agreed New Business Methodologies

Actuarial Analyst - Financial 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

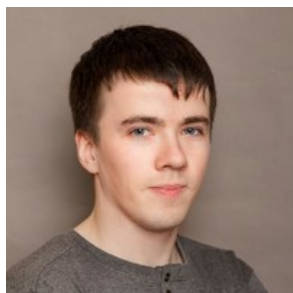
Actuarial Summer Intern (Irish Life Group, Dublin) 7/2010 - 9/2010

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

EXPERIENCE

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- » **Activities:** Web Scraping, Coding by voice, information security

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
- » Photopius, 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

EDUCATION