

Education

MAI | Computer Engineering Trinity College Dublin | 2015-2016

- Taught masters with research dissertation
- Dissertation: *Supporting the curation of a structured collection from the unstructured open corpus*
 - Makes use of the semantic web and natural language processing

BAI | Computer Engineering Trinity College Dublin | 2010-2015

- Awarded a first class honour
- Very similar to a computer science degree, but with less algorithms and more maths!

Interests & Skills

- Completed Coursera: Stanford Machine Learning – Andrew Ng
- PSM1 certified professional Scrum Master
- Webmaster for Engineers Without Borders Ireland
- Enjoy singing in various choirs & pop a cappella groups

Languages

- Java
- SQL
- Python
- HTML, CSS, JS
- C# & .NET
- C & C++
- R

Experience

ADAPT Centre | Software Engineer June 2018 - Present

Working to turn active research in recommender systems into a successful product.

- Python developer and Scrum Master on a team of two, building a RESTful API which provides recommendations-as-a-service
- Using machine learning to predict the best recommendation approach on a per-request basis
- Managing and maintaining server infrastructure to host API and continuous integration services
- Working to acquire new pilot customers

BearingPoint | Senior Technology Analyst September 2016 – June 2018

Software developer building mostly custom solutions for large clients.

- Java developer on 3 projects:
 - Telecommunications CRM platform customisation
 - Development of the market leading financial regulatory reporting product in Europe.
 - Development of an optical content recognition application for processing a large volume of documents – (1 million/month)
- .NET developer on an application for healthcare regulation
 - Responsibilities: Release manager and developer
- Heavily involved in CSR and diversity initiatives in BearingPoint
 - Co-founder of the first LGBT staff network firm-wide in BearingPoint
 - Organiser and workshop leader for community outreach program to promote computer science in girls' schools as part of the Women's network
- Founder of the 'Data Club' – a community of practice for sharing knowledge about all things data related

Office of the Revenue Commissioners | Intern February - July 2015

6-month Internship as a Java developer with the Revenue Commissioners.

- Worked mainly on an internal Java Spring web application project
- Took part in a supplementary intern project along with other interns
 - Due to its success, the project was rolled out to other divisions in Revenue, saving €10000 in software licensing costs