

Edmond O' Flynn

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EDUCATION:

545 points – Leaving Certificate examinations

Trinity College Dublin

BAI Computer Engineering

Received I grade and award for 3rd year, expecting II.I or greater for 4th year

*Engineering Mathematics – Operating Systems & Concurrency – Computer Graphics – Computer Vision –
Computer Architecture – Networks, Mobile Telecommunications, & Security – Microprocessor Systems –
Information Management – Software Design – Project Management – Cloud Computing – Agile/Scrum/Kanban
– Git/SVN Version Control – Startup experience – Machine Learning – Freelancer*

Dublin City, Ireland

May 2017

TLDR;

I have a strong interest in full-stack development across a broad range of areas. I have a good share of experience and take pride in the work I do. Automation with scripts is my mantra. Programming isn't just a career, it's also a really interesting hobby of mine.

WORK EXPERIENCE:

Freelance Work

Self-employed

Dublin, Ireland

August 2016 – Present

I am currently working as a freelance full-stack developer through online services. I work with clients on a regular basis. I publish my own apps and services on Google Play, and also on my own Heroku webserver using Node.js for web interfaces and backend services. My APIs are documented for other developers' use.

- [Google Play](#) (apps)
- [Website](#) (web interfaces/backend RESTful services)
- [GitHub](#) (code/documentation)



GlassByte Limited

Chief Product Officer

Ballsbridge, Dublin, Ireland

April 2015 – Present

- Startup founder – consultancy spanning multiple areas under full stack development.
- Received grants, consulted for projects, and worked with organisations such as Tallaght AMNCH and the TCD Biomedical Institute to develop proprietary medical services through apps and web services.



Accenture PLC

Cloud, AI, & Machine Learning Analyst

Grand Canal Harbour, Dublin, Ireland

June – September 2016

- Contributed solutions to problems in Accenture's Technology Labs focused on a playground environment for finding innovative and efficient solutions.
- Developed and deployed cloud solutions centred around machine learning and AI on AWS.



Huawei Technologies Co. Ltd.

Seeds for the Future Intern Scholarship

Shenzhen, Guangdong, China

August 2015

- Studied Mandarin in Beijing and completed mobile & server telecommunications courses on Huawei's campus in Shenzhen, Guangdong through a hands on course.
- One of ten in Ireland to receive this, and one of forty-two in all of the UK and Ireland.



TIC Summer Camp

Programming and Robotics Counsellor

Bethesda, Maryland, USA

June 2014 – August 2014

- Taught kids between ages 6-16 with a variety of programming languages and robotic electronics as an introduction to computer science and electrical/electronic engineering.

PERSONAL PROJECTS:

iompar

iompar is an Android app developed over a few weeks aiming to address the issue of a lack of a unified transportation platform in Ireland. I wanted to combined real time information, news and Leap card balance into one app that works, instead of having to use 5+ apps for the same use. I scraped the data from various sources. The source code is available on my GitHub but is not on the store at the moment – I want to refactor it to be entirely server-side when I have more free time.

Deep Learning and Natural Language Processing

I have previous experience with machine learning and data mining. I have used TensorFlow in some projects of mine and in Accenture, alongside NLTK/SpaCy for some basic tokenization and parsing of the English and Irish languages for sentiment analysis.

INTEREST & SKILLS:

Class Representative Volunteer

September 2014 – September 2015

- Volunteered as a representative for dealing with class issues, handling student-lecturer & student-department affairs and relations.

Hackathons

Since December 2014

- I attend rapid-prototyping events annually either alone or with groups of friends.
- The outcome doesn't matter, it's the experience that counts.

Outside of work, study & programming

- Netflix enthusiast, work out and run routinely, play soccer from time to time with friends.
- Language, linguistics, society & travel lover – partitive with the Cumann Gaelach in TCD.
- I have spent time in different countries; I like new cultures and diving into somewhere new.
- I decided to go on a J1 visa to America in 2014 – my friends didn't want to come with, so I got a job and went on my own. I met some amazing people and had some unforgettable experiences over there.

Languages

Fluent: English, Irish

Highly Competent: German

Intermediate: Mandarin, Polish, Dutch

Beginner: Russian, Japanese, Romanian

Technologies Used:

General/Backend: C, C++, C#, Java, Ruby, Python, JavaScript/Node.js

Front end: HTML5, CSS3, jQuery, Angular, TeX

Data Management/Schema: SQL (SQLite, MySQL, Oracle), NoSQL (MongoDB)

Servers: Tomcat (with Jersey in Java), Express (Node.js), own implementations (C++, C#, Python, Ruby)

Cloud Services: AWS (EC2, Elastic Beanstalk, Lambda, S3, Route 53), Heroku

OS: Linux, OSX, Windows

Dabbled with: Haskell, Prolog, Promela/Spin, Shell/Bash, Swift, PHP, Assembly (IA32, x64, RISC, ARM)

References

Available on request.