

EOIN MCMAHON

BSc (Honours) Computing Science

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EDUCATION

University of Glasgow

2:1 BSc (Hons) Computing Science

📅 Sep 2016 - Present 📍 Glasgow, Scotland

- I achieved a first class in my dissertation which was on Multi-document text summarisation using semantic concept generalisation. It makes use of a pointer generator network to extract and generate words, as well as a generalisation module enabling the model to be more robust when generating summaries
- Modules Include: Machine Learning, Functional Programming, Computer Vision and Text as Data

St Malachy's College Belfast

A-Levels

📅 Sep 2014 - Jun 2016 📍 Belfast, Northern Ireland

- Computing, Maths and Physics at AAA grade.
- I also achieved an A at AS-Level Moving Image Arts.

GCSE's

📅 Sep 2012 - Jun 2014

- Achieved 10 GCSE's, 5 of which at A and 5 at B grade.

AWARDS & ACHIEVEMENTS

Academic Excellence



I Received an award from St Malachy's College Belfast for academic success at A-Level.

AI Camp Hackathon Winner



along with two others, I trained a Neural network on a set of stack overflow questions and answers to generate a unique answer to any tech-related question given to it.

PROJECTS & HACKATHONS

- I have participated in multiple hackathons, the majority of the challenges I have tackled have heavily included machine learning.
- There are multiple projects all uploaded on my Github which is linked above. Some programs available on github include a .gitignore generator written in Rust, a circular buffer implementation in C and a Huffman coding implementation expressed in Rust.

EXPERIENCE

Full-Stack Engineer

VeryConnect

📅 Jun 2019 - Mar 2020 📍 Glasgow, Scotland

- I worked as a full stack developer in a team of seven, programming in Typescript with the Angular framework.
- Some of the things I worked on include:
 - A service that translates the website to any required language through Yaml strings and google sheets. This coincided with an immediate increase in our international client base.
 - Extended the newsfeed code to work inside private event and group pages on the site.

Dart Developer

TTime - Android & iOS

📅 June 2019 - Present 📍 Glasgow, Scotland

- I am one of 4 core developers for a cross-platform mobile application called TTime written in Dart with the flutter framework.
- The application enables users to find places where they can purchase a pint of Tennents beer across the world as well read and write reviews for different establishments.

AI Camp

Kainos

📅 Aug 2018 - Sep 2018 📍 Belfast, Northern Ireland

- A two week intensive course where I learned the core concepts of deep learning. I also participated in a hackathon at the end of the 2 weeks in which I won with a text generation tool.
- Projects I worked on include:
 - Image Classification.
 - Text Sentiment Analysis.
 - Text Generation (example on Github).

LANGUAGES

Languages include:

- Python, Java, C, Typescript, Javascript, Rust, Dart and Haskell