

SADHBH STAPLETON DOYLE

Machine Learning Engineer

📍 Lyon, France

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🔗 staplesad

I have over 5 years of experience with applied machine learning. I am interested in the intersection of technology and society.

SKILLS

Machine Learning Tools

scikit-learn

spaCy

NLTK

XGBoost

TensorFlow

PyTorch

Programming Languages

Python

SQL

R

C

Fortran

Other Tools

git

Docker

bash

regex

LaTeX

Jupyter

EDUCATION

MSc. High Performance Computing with Data Science Merit Award (2.1)

University of Edinburgh

📅 Sept 2016 – August 2017

- Dissertation: Implementing RMA Communications in the Met Office NERC Cloud model

B.A. (Mod.) Mathematics 1st Class

Trinity College Dublin

📅 Sept 2012 – May 2016

Trinity Gold Medal – exceptional merit at final degree examinations

VOLUNTEERING

- **2021** Taught a **Text Analysis Workshop** for **UCD DataSoc**
- **2021** SQL Instructor with **CodeFirst-Girls**
- **2018** App Dev Workshop Instructor with **HubSpot**
- **2015** **Student Leadership and Mathematics** TA
- **2015** Tutor with the **Voluntary Tuition Programme**

EXPERIENCE

Inscribe

Senior Machine Learning Engineer

📅 Feb 2023 – Ongoing

Building machine learning models to tackle document fraud.

HubSpot

Senior Machine Learning Modeler

📅 Jan 2020 – Jan 2023

Software Engineer (ML)

📅 Dec 2018 – Jan 2020

Associate Software Engineer (ML)

📅 Jan 2018 – Dec 2018

Building machine learning models for the HubSpot product and internal tools. Including:

- Search and relevancy
- Text classifiers
- Recommenders
- Topic Extraction
- Summarisation
- Object Embeddings

In 2020 I was in charge of developing our internal approach to AI fairness. I reviewed the literature on bias, ethics and fairness in machine learning and proposed and implemented our internal processes for fairness and ethical development of machine learning projects.

Helpdesk Technician

Aladdin Schools

📅 Aug – Sept 2015, May – July 2016

Provided customer service for a management information system targeted at Irish primary schools.

Teaching Assistant - App Design and Animation CTYI

📅 June – July 2015, Sept – Dec 2015

REFERENCES

References provided upon request.