

Ross Edwards

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Portfolio: rzedward.github.io

Incoming machine learning engineer at Kubrick Group in London following graduation from a Master's in Natural Sciences from Durham University. Having developed a wide range of technical skills pertaining to data and machine learning, I am now looking to apply myself as a machine learning engineering consultant.

EDUCATION & QUALIFICATIONS

MSci Natural Sciences - University of Durham

Sep 2019 - Jul 2023

- Major - Physics, Minor - Biology
- Grade: 2:1 (with honours)
- Completed my formal education a year earlier than expected having been advanced through a year of school after demonstrating academic excellence

Self Study: Stanford University - Computer Science - CS106A, CS106X, CS107 (too in depth), CS110 (too in depth) (CS107/161 are core, 110 is additional), CS145 (CMU 15 - 445/645), CS161, CS166 (166 is more advanced 161?), CS228, CS229, CS230

this gives: math, computer systems, programming, data structures and algorithms, databases, ML/AI

MBA - Oxford Said / Harvard Business School / Stanford Graduate School of Business / MIT (Sloan) / Yale School of Management

EXPERIENCE

Data Scientist (Machine Learning) - Lloyds Banking Group

July 2024 - Present

Machine Learning Engineer - Kubrick Group

Mar 2024 - Present

- Completed 3 months of training and internal projects

Digital Automation Engineer - FLIMAX Ltd (Cambridge/Remote)

Oct 2023 - Jan 2024

- Responsible for enhancing the fundraising process by using AI and Python to automate investor database filtering and investment outreach

Research Lab Assistant - University of Cambridge Department of Histopathology (Cambridge) Aug 2018

- Collaborated closely with an elected fellow of the Royal Society in conducting oncological research
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SKILLS

- **Data Analytics** - SQL, Python (Pandas), Excel (Power Query, Pivot Tables, VBA, VLOOKUP)
 - **Data Visualisation** - Tableau, PowerBI, Matplotlib, Seaborn
 - **Data Engineering** - Hadoop, Spark, Databricks, Snowflake
 - **Machine Learning** - Sci-Kit Learn, PyTorch, TensorFlow, XGBoost, V7, Docker, Kubernetes, MLFlow, DevOps/MLOps
 - **Cloud Platforms** - AWS, Azure
 - **Programming Languages** - Python, R, C++
 - **Microsoft Office** - Excel, Word, PowerPoint
 - **Extras** - Linux, Shell-Scripting, LaTeX, Statistics, GitHub
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NOTE - SKILLS TO TOP - FIT ALL ON ONE PAGE - DELETE SUMMARY IF NECESSARY - CHANGE DEGREE END DATE TO NOV 2023 - GIVE MYSELF A TITLE (ML ENGINEER/DATA SCIENTIST) - BUILD PORTFOLIO

PROJECTS

Need some serious projects.....

Project 1 - Submitted to a conference

Useful project - biorecognition?

Personal Project - neural network from scratch to identify pokemon

ADDITIONAL ACHIEVEMENTS

- **Ironman**
- **National Level Sport (SFA Dev Squad)**
- **eSports - Fifa 19 Peak: #1 Weekly Offline, #97 Weekly Online, Round of 32 to Represent England**
- **PPL, MENSA**
- **Africas Gift**