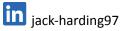
JACK HARDING









EXPERIENCE

Data Scientist Jr.

Inne

03/2021 - 03/2023

- Identified potential for analytics dashboard and proposed solution. Designed and developed a real-time data dashboard allowing visualisation of hormonal cycle data and in-app notes
- Developed a reporting system to notify study analysts of discrepancies in participant usage
- Kick-started company data strategy by defining goals and organising stakeholders.
- Implemented database export to OLAP for real-time analytics on customer behaviour.
- Configured data governance to ensure data accuracy

Database Engineer

NeoDyne

09/19 - 10/20

- Worked independently developing and maintaining SQL Server databases.
- Designed and developed custom SSIS packages to parse and generate SAP IDOCs for industrial ERP systems.
- Developed a new company website working closely with company directors.
- Facilitated factory traceability using ASP.NET report application.

PROJECTS

BellingChat LLM Chatbot

02/24 - Present

- Web-scraped Bellingcat website into entire article dataset
- Fine-tuned Llama2 LLM using RAG and vector databases. Presented chatbot in online Streamlit dashboard

Bellingcat Instagram Location Dashboard

01/24 - 02/24

 OSINT Dashboard built for Bellingcat that queries Instagram API. Plots GPS data to an interactive map

COVID-19 Mask Detector

11/20 - 12/20

 Trained deep learning model with FastAI to produce a mask detector web app hosted on Streamlit.

Energy Management System

02/19 - 06/19

 Monitored home energy usage using smart home devices and analysed data with Pandas on RPi3 to maximise renewable usage.

SKILLS

Programming	Tools	
TypeScript	Serverless	
NoSQL	AWS	
Python	GitLab/Hub	
SQL	Jira	

Communication

- Producing clear test documentation and reports in a professional environment.
- Preparing software requirements documentation
- Delivering presentations that are informative and emotionally engaging.

EDUCATION

Advanced Statistics for Data Science, Coursera 12/22 - 02/23

Introduction to Statistics, Coursera-Stanford 10/22 - 12/22

Relevant Modules: Data sampling, Distributions, CLT, Regression

Computer Engineering, TU Dublin

09/15 - 10/19

Relevant Modules: Calculus, Computer

Architecture, IoT, Network Centric Computing

Deep Learning for Coders, FastAl

11/20 - 03/21

Machine Learning, Coursera

09/20 - 11/20

REFEREES

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