

JACK HARDING



jackharding321@gmail.com



jacklinc.github.io



+4917665890980



jack-harding97

EXPERIENCE

Data Scientist Jr.

Inne

03/2021 – 03/2023

- Identified potential for analytics dashboard and proposed solution
- Designed and developed real-time data dashboard allowing visualisation of hormonal cycle data and in-app notes
- Developed 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

Serverless Backend

01/22 - Present

- DynamoDB CRUD app built with Lambda functions and REST API using Serverless framework v3.

Movie Recommender

01/21 - 03/21

- Dashboard recommended movies to users using collaborative filtering and deep learning with FastAI and hosted on Streamlit.

COVID-19 Mask Detector

11/20 – 12/20

- Collected image data using Bing Image Search API. 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

TypeScript
NoSQL
Python
SQL

Tools

Serverless
AWS
GitLab
Jira

Communication

- Producing clear test documentation and reports in a professional environment.
- Preparing software requirements documentation

EDUCATION

Advanced Statistics for Data Science, Coursera

12/22 – Present

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, FastAI

11/20 - 03/21

Machine Learning, Coursera

09/20 – 11/20

REFEREES

John Dalton

Thesis Supervisor
TU Dublin
Dublin 2
john.dalton@tudublin.ie

Dr Gianluca Adornetto

Lead Scientist
Feral GmbH
Berlin, 10999
gianluca@inne.io