Dominic Veryard

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Innovative data engineer and manager looking for software development position. Key skills: Python, Machine Learning, Communication.

Completed many computer science courses including CS50x in Python and AI.

Experience

May 2023 - PRESENT

Digital and data manager – Project 4.21, Cardiff University

Project 4.21 has been following girls for the past 40 years to look at class disparities in childhood and education; and considering how that ties into their adult lives. The team has assembled a vast archive over this period, and I was brought in to manage the digitization and digital publication of this archive.

- In charge of processing audio and written transcripts
- Maintain communication with the UK Data Archive
- Understand the requirements of GDPR and manage the anonymization of data
- Planning and implementing database structure
- Trained a neural network in python on the researchers handwriting in order to scan their notes and transcripts

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App developer – freelance

Creating an app in react and python to train a model on rental properties a user likes and push similar properties when they become available.

May 2022 - May 2023

Maths Tutoring – Remote

I travelled to South America to set up as a maths tutor and learn spanish after covid cut my travels short previously.

- Strong time management skills to travel and maintain schedules with students in different time zones

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March 2020 - May 2022

Self Employed – Dropshipping

I created and ran a successful dropshipping website.

- Marketing products with Facebook and Google ads

- Tracking all the analytics to maximise profitability and limit overspending on underperforming products
- Managed Sql database of customers and orders
- Created a website with Html, Css and Javascript

Aug 2019 - March 2020

Travelling

After finishing my degree I travelled to India for a silent meditation retreat. Unfortunately I had to return because of covid.

August 2018 - June 2019

Birmingham City University – Maths Coach

I worked to support students retaking their GCSE maths exam. Helped me get used to hard work and time management; studying, working and sports training simultaneously.

Education

September 2016 - July 2019

University of Birmingham – Mathematics

Bsc. Mathematics with honours first class.

Modules included: Nonlinear programming, Combinatorics, Mathematical modelling, C++

2015

University of Surrey – Nuffield

Following a competitive selection, I was awarded a month placement at the University of Surrey. The challenge was to learn quantum theory above and beyond the expectations of someone studying for A-levels, equivalent to what would be taught in a physics undergraduate degree. I presented this material at a special event at Imperial College London.

2009 - 2016

Drayton Manor High School – Mathematics

3 A Levels: A*- Maths, A*- Further Maths, C- Chemistry

4 AS Levels : A, A, B, C
11 GCSEs : 2 A*s(maths, physics), 5 As, 4 Bs
I took my GCSE and A-Level maths early, as I was very advanced for my age.

I make electronic music and had a song played on radio 1. Also a member of the rowing team at university and I played county tennis.