

Innovative data engineer and manager looking for a data management position.

Key skills: Excel, Organization, Communication.

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 the data strategy for processing and storage
- Trained a neural network in python on the researchers handwriting in order to scan their notes and transcripts

App developer - freelance

Creating an app in react and python to compare excel sheets and find comparisons using ai software

May 2022 - May 2023

Data cleansing, maths tutoring - Remote

I travelled to South America to work remotely and learn spanish after covid cut my travels short previously.

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

March 2020 - May 2022

Dropshipping - Self Employed

I created and ran a successful dropshipping website.

- Tracking all the analytics to maximise profitability and limit overspending on underperforming products

- Managed Sql and excel databases of customers and orders
- Created a website with Html, Css and Javascript
- Managing supplier and customer communication

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 way ahead of my classmates.

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.