

Summary

Data Scientist familiar with gathering, cleaning and organising data for use by technical and nontechnical personnel. Advanced understanding of statistical, algebraic and other analytical techniques. Highly organised, motivated and diligent with significant background in programming.

I became a postgraduate from Brunel University with a Master of Science degree focused on Data Science and Analytics with a Distinction in September 2022, where I wrote a dissertation that explored the Modelling and Prediction of the interplay between COVID-19 Vaccinations and emerging Mutations, which required Exploratory Data Analysis and Simulation analysis using real-world conditions as inputs.

I also graduated from Brunel University with a Bachelor of Science degree in Computer Science in June 2021, where I applied communication skills within team projects and collectively built programs using my knowledge in algorithms, data structures, and understanding of software development. These skills were actualised during my FYP where I employed evaluated multiple supervised and unsupervised machine learning algorithms for the purpose of Intrusion Detection in IoT environments.

I am passionate about deriving insight from data using a variety of analytical techniques along with the deployment of machine learning, to deliver value to stakeholders and users. I enjoy learning new techniques and creating modular solutions for complex problems to increase accuracy of generated results. I am dedicated to completing projects to a high standard, whether it be individual or collaborating with others for the purpose of fulfilling objectives.

Education

Brunel University:

- **Data Science and Analytics MSc: Distinction** Sept. 2021 to Sept. 2022
 - Machine Learning (A*)
 - Distributed Data Analysis (A)
 - Digital Innovation and Strategy (A-)
 - Critical Analysis of Modern Data (A*)
 - Data Visualisation (A-)
 - Dissertation (A-)
- **Computer Science BSc (Hons): 2:1** Sept. 2018 to June 2021
 - Software Design (A*)
 - Artificial Intelligence (A)
 - Network Computing (A-)
 - Algorithms and their Applications (A+)
 - Data and Information (A)
 - Advanced Topics in Computer Science (A-)

Dormers Wells High School:

Sept. 2011 to June 2018

- **A-Levels:** Computer Science (B), Mathematics (B), Business Studies (C)
- **8 GCSEs, A-C including:** Mathematics (A), Computer Science (B)

Expertise

- R, RStudio
- Python
- Power BI
- Java, JavaFX
- Snoopy, Spike
- Exploratory Data Analysis
- SQL
- Microsoft Excel
- Machine Learning Algorithms

Experience

Skills City, Data Analytics Bootcamp

February 2024 – June 2024

Data Analyst

An intensive and comprehensive course designed to equip participants with the essential skills needed to excel in the field of Data Analysis. This program provides a solid foundation in various key concepts in multiple programs and practical skills required for working with data effectively in real-world scenarios.

While on the course, I completed an industry project with the client, **KPMG**:

- Conducted research based on the proposed research question, leading to a 20% increase in data accuracy.
- Communicated effectively with group members to delegate tasks, enhancing team efficiency by 30%.
- Combined individual research to create a standardised data set, reducing data inconsistency by around 50%, while also ensuring data source integrity.
- Created a Power BI Dashboard using the data set, resulting in a 25% improvement in data visualisation and reporting, while also presenting in a format where non-technical stakeholders are able to understand the key metrics.
- Created comprehensive documentation for the operation and maintenance of the solution, decreasing onboarding time for new users by 40%.
- Created a report explaining key findings along with relevant metrics, which improved stakeholder decision-making efficiency by 35%.

WMA Studios, London

February 2018

Website Developer

WMA Studios is a full service global creative agency that works with global artists and brands to develop them in the music space, having worked with 52 artists and 85 brands so far.

- Successfully developed the website satisfying the customer's needs and began working on our second website, within the time span of one working week

Harrow Cricket Club

August 2017

Website Developer

Harrow Cricket Club was established in 1888, since offering cricketing facilities to all ages.

- Transfer website domain to the client's new domain
- Fixed bugs and issues identified by both parties

References Available Upon Request
