JARENCE PLAN

Computer Science Undergraduate

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Links: https://www.linkedin.com/in/jarenceplan/ | **Portfolio:** https://github.com/JarencePlan

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ABOUT ME

Graduated with First Class Honours in BSc Computer Science. I have work experience in Data Analytics using Excel and Power BI. I am also skilled in Python and SQL. I am a strong leader with excellent communication skills and a cooperative team player. Adept in problem-solving and working to better solutions. Enjoy a few laughs while also being competitive to achieve the best individually. My personal hobbies are weightlifting, football and gaming.

SKILLS

Python Programming Language	SQL	Data Analytics & Visualisation	Applied Machine Learning
Microsoft Office	PowerBI	Teamwork	Leadership

EDUCATION

Coventry University, Coventry | 09/2018 – 07/2022

Degree: BSc Computer Science

Graduated with a **First-Class Honours**. Modules include: Artificial Intelligence, Data Science, Machine Learning Algorithms & Related Applications, Big Data.

St Edmund Catholic Academy, Wolverhampton | 09/2011 – 07/2018

Education: GCSE & A Level

I have attained 9 GCSEs and 3 A-Levels (Mathematics, Economics, Computer Science)

EMPLOYMENT HISTORY

Network Rail, Birmingham

Year in Industry Student - Data Analyst| 09/2020 – 08/2021

- My role mainly involved using Microsoft PowerApps & PowerBI software to clean raw data and used tools to visualise the data so users can understand what the data shows.

- Working from home due to COVID-19 developed my self-management skills. I showed good attitude, self-control, and willingness to learn new skills on my own and from colleagues in face of difficulties.

- I showed my ability to apply knowledge and newly acquired skills to my work and adopt a systematic approach to analysing and resolving problems.

- I developed my ability to manage tasks. I reached an agreement with others and took responsibility for the allocated work. I dealt with any difficulties and was able to complete work on time.

- Cooperating with different colleagues from other departments developed my communication and leadership skills to work as a team and build good working relationships with peers and superiors.

AWARDS AND ACKNOWLEDGEMENTS

- **ICDL – Level 3 Spreadsheet Software**   **| 10/2021 – 12/2021**
- **Microsoft Power BI - A Complete Introduction**   **| 10/2020 – 11/2020**
- **ECDL – Microsoft Office: Word, Excel, PowerPoint**   **| 09/2019 – 12/2019**
- **National Citizen Service Programme (NCS)**   **| 07/2017 – 08/2017**

PROJECT EXPERIENCE

Football Analytics | 06/2022 – Present

- I manage a Twitter page where I post my statistical/data analysis on my favourite Football team, Chelsea. I retrieve data from various public online sources and create my visuals using R/Python code or Tableau/Excel before posting on social media. I work with other data enthusiasts worldwide that help provide the page content, but I am the main person. Check the Portfolio GitHub link at the top to see my work and page link.

Machine Learning Dissertation | 01/2022 – 04/2022

- An individual project focused on using a Machine Learning and Data Science approach for Football prediction. This project analysed match statistics and shots data to create an expected goals model. A classification model was built to correctly classify the match-winner and a regression model to predict the match score. Different machine learning algorithms were explored and optimised to test which would achieve the highest predictive accuracy. I developed my skills in data analytics and machine learning algorithms using Python as my programming language. Project management skills were improved throughout the development of the project. This achieved a grade of 70%.

Signalling KPIs Power BI report | 12/2020 – 01/2021

- This was a project I worked on with a colleague during my industry placement with Network Rail. This project was for a client from another department and region of the company. We created a PowerBI report which consisted of a dashboard and then separate pages that went into depth of the data. This report is automatically refreshed with any changes to the connected data sources, which help automate their system. I used Microsoft Teams to communicate with the client and my colleague to assign ourselves tasks to complete and update our task planner to ensure the project is on schedule to be finished by the deadline.

MATLAB Big Data Programming Project | 01/2020 – 04/2020

- An individual project focused on Data Visualisation of Ozone Data Models in the European Region within a 25-hour period. This project achieves a clear visual representation of the data so that it is easily interpretable for users to understand the data by plotting the data over a map of the European region. This project was successful, it received a mark of 84%. I learnt how to program using MATLAB. I also improved my project management skills too.

Python Sports AI Chatbot | 09/2018 – 12/2018

- Worked in a team with five other students. My individual contribution was developing the Basketball part. I used APIs to extract live data from online sources to return to user and SQL Databases so user can query information about the NBA. This project was successful, it received a mark of 73%. I improved my Python programming skills as well as my time-management and organisation.

REFERENCES

Available upon request.