Phone: 07876202545 **ROSS WILLIAMS** RossWilliamsPortfolio.co.uk

rosswilliamsrw11@gmail.com 26 Greenfield Street, Nottingham

Masters student in Computer Science in my fourth and final year. Graduating in August 2023 with experience in a wide spread of programming languages and a strong interest in data science. My deep understanding of collaboration and communication stems from my previous employment and academic success in group projects.

Education

University of Nottingham **Sep 2019 – Aug 2023**
MSci Computer Science: First Class

The Highfield School **Sep 2012 – Aug 2019**
A-Levels: Computer Science: A*, Mathematics: A, Physics: A
GCSE's: 10 in the range A*- A

Relevant Modules

Fundamentals of Information Visualisation (First Class: 71%):
- Resulted in an exploratory data analysis of global COVID-19 infection data written in R, using dplyr for data manipulation and cleaning and plot_ly and ggplot for data visualisation. This module will be expanded upon by linear and discrete optimisation and data modelling and analysis, two fourth year modules I am currently studying.

Software Engineering Group Project (First Class: 86%):
- Worked as administrator and head developer of a group project which involved designing and developing a meal planner application in React Native in coordination with software developers at Kainos. Due to half of the teams original members dropping out – this project stands as a testament to my dedication and organisation during difficult situations.

Dissertation (First Class: 76%):
- A research project based around methods of gamification in a learning environment and student knowledge retention. Involved the design and development of three applications in React, research techniques such as data coding, and the handling of personal data and associated ethics.

Software Quality Assurance (First Class: 86%):
- Involved working as part of a team to develop software whilst also ensuring software quality via thorough documentation and standards. This module taught me the importance of professionalism, coordination, and maintainable work in a software based environment.

Relevant Projects

Store Sales Time Series Forecasting:
- A project written in python based around predicting store sales using basic linear regression seasonal forecasting, and more complex hybrid learning – using pandas and seaborn for data visualisation and manipulation, and sklearn for machine learning.

Work Experience

Nuffield Health and Fitness: Costa Coffee **Dec 2017 – Present**
- Worked as a member of a team in a gym café – lead to the expansion of my skills in customer service, communication within a team, and working calmly under pressure.