

ROSS WILLIAMS

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www.RossWilliamsPortfolio.co.uk

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 an interest in data science. Currently pursuing a career involving data analytics or human computer interaction.

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

Software Engineering Group Project (First Class / A):

- 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.

Fundamentals of Information Visualisation (First Class / A):

- Resulted in an exploratory data analysis of global COVID-19 infection data written in R, using the following libraries: dplyr for data manipulation and cleaning, and plot_ly and ggplot for data visualisation.

Software Quality Assurance (First Class / A):

- Worked as part of an agile development team as SQA manager to create a game using Unity (C++) whilst also ensuring software quality via thorough documentation and standards.

Relevant Projects

Dissertation (First Class / A):

- 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. The project was based around measuring the retention of motivation of students using different gamification methods.

Store Sales Time Series Forecasting (Personal 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

- Began as a junior café team member, responsible for delivering quality customer service.
- Now a senior member of the team, responsible for up to four staff members. Trusted with training new staff members and completing stock checks on behalf of the floor manager.

Interests

- Hobbyist powerlifter with hopes of competing in an amateur league in the near future.
- Competed in machine learning competitions on “Kaggle”, with code written in python.