

Maximus Johnston

Email: max.johnston54@gmail.com

Mobile: 07481 065574

Current Status

- 4th year Computer Science with Industrial Placement (BSc) at Newcastle University (September 2018 – Graduating June 2022)

Work Experience

Data Science Intern (May 2021- July 2021) - Data Clarity Limited

- Used Python, SQL and Data science techniques to gain insight into data from a global British fashion brand in order to help them make informed business decisions
- Performed market basket analysis on the data and plotted using a networkx diagram to demonstrate the associations between the clients products to improve their retail performance
- Used machine learning and feature engineering to predict the next purchase date of the customers

Skills

- Java
- SQL
- GitHub
- C#/XAML
- Leadership
- Python

Undergraduate Trainee Software Engineer (September 2020- May 2020) - XACTPCB LTD

- Working within an Agile development team, working on all stages of product development. Using predominantly C# and XAML and MVVM/MVC design principles, WPF and Visual Studio
- Tested, debugged and fixed areas on a large-scale application that has been in development for several years and is used in factory's all over the world
- Added new features that customers had requested to improve the user experience and add new functionality to the application
- Helped create and implement a new form of testing using win app driver to create automated UI tests which save the development team hours of testing and sped up the debugging process

Data analytics research intern (July 2020- August 2020) - ENGIE

- Worked as part of a research team in collaboration with Newcastle University and The National Innovation Centre for Data to produce a model of charger placement for Engie's electric van fleet
- Used Python and data science libraries including Pandas, Folium, Matplotlib and others to produce graphical representations of data collected from vans to gain insight into data collected by the vans
- Produced a report and presentation of findings to communicate results and methods with Engie and other stakeholders

Software and solutions architecture Intern (June 2019 – August 2019) - Excel Redstone/Google

Italian restaurant Waiter (May 2018- August 2018) - Il Lupo

Medical surgery support worker (September 2016 – February 2017) - Bakewell Medical Centre

Education

- St Mary's Catholic High School, Chesterfield (2011 – 2018)
- A Levels: Mathematics A, Chemistry B, Physics C
- GCSEs: five A (including Mathematics), four B (including English), one C

Achievements and extra-curricular

Deputy Head Boy

- Responsible for running the school charity events and solving problems throughout the school
- Organized a classical music concert for the Sheffield Children's Hospital for which I proposed, negotiated price of venue and catering, fundraised for and managed. We raised a substantial sum in one evening for the hospital

Grade 8 piano

Basketball team Captain

- Represented both the local club and captained the school team

Newcastle university men's Lacrosse team

- Learning a new sport at university and the head of IT for the club

Leisure

- Accomplished skier, tennis player, swimmer, golfer, runner, mountain biker

References available upon request