

LUKA ROSS

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EDUCATION

The University of Manchester

September 2018 - Present

- Analysed and Interpreted Data by using Statistical programming language R to fit Distributions to the data in my Statistics coursework. (Overall Course grade 71%)
- Demonstrated abilities in Team working, Coding in MATLAB and Presenting Findings in LaTeX during Mathematical Workshop course. (Overall Course grade 70%)
- Currently Developing and Improving a Connect 4 game and Game AI, which I am coding from scratch in Python as part of my Programming with Python course.
- Improved Problem solving and logical thinking from studying courses such as linear algebra and algebraic structures. Material included matrix manipulation and analysis.
- Refined my analytical thinking and quantitative reasoning from studying Vector Calculus and Partial differential equations and their applications to physical problems.

Netherhall Sixth Form College and Coleridge Community College

2011-2018

- A/As levels: Mathematics(A*), Further Mathematics (A), Chemistry (A), Physics(A)
- A level Awards for outstanding achievement In Chemistry and Overall for year 13
- GCSEs: 9 A* - D including Maths and English above grade C

WORK EXPERIENCE

Bills Restaurant, Bar Staff

June 2019 - January 2020

- Awarded Employee of the week within two weeks for fast improvement in my skills as a bartender.
- Trained two new employees at very short notice, demonstrating my initiative and leadership skills.
- Day to day duties include taking account for large deliveries, restocking and deep cleaning the bar, assisting with stock count and closing the restaurant.
- Responsible for serving customers and resolving issues requires a level of customer awareness and verbal communication that was strengthened throughout my time at Bills.
- Making a wide range of cocktails, cold drinks and coffees at a very fast pace during busy hours has given me the ability to think quickly and carefully under massive time pressures.

Deliveroo Rider

September 2016 - September 2017

- Established a Driven routine of 15-20 deliveries per day from my own motivation.
- Interaction with customers and restaurants helped improve communication skills.

POSITIONS OF RESPONSIBILITY AND ACHIEVEMENTS

WoodCraft Folk, Youth Organisation

June 2005 - Present

- 2009-2019 Planned,decided and voted on how to distribute various grants within the organisation at a national level, an example being setting up and funding a youth lead committee.

- 2014 - 2015 I volunteered at my local group for younger children, organising games and group discussions.
- 2015 June - Volunteered a national camp running workshops for young people aged 13-16 and as site Security.

Manchester University Hyperloop Simulations team

September 2019 - Present

- Working in a team of students from a range of disciplines.
- Learning to use COMSOL Multiphysics modeling software to perform preliminary simulations.
- Comparing possible Magnet levitation techniques by replicating results from a research paper.

RELEVANT SKILLS

- Documentation: Microsoft Office, LaTeX
- Programming Languages: Python, R, MATLAB, Visual Basic
- Modeling: COMSOL Multiphysics

INTERESTS AND ACTIVITIES

Programming

2018 - Present

- I enjoy learning new programming languages in my free time. Currently learning Rust and JavaScript.

Informal learning

2017 - Present

- I love learning and regularly read articles and papers on a variety of subjects such as A.I, Cognitive psychology and Astronomy.

Outdoor/physical activities

2010 - Present

- I have a passion for indoor rock climbing and hiking in national parks and countryside around the UK. I am also an avid cyclist.

REFERENCES

- References available upon request