ROBERT HAWLEY

PHYSICS GRADUATE AND ASPIRING DATA ANALYST

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SUMMARY

A recent graduate of The University of Nottingham School of Physics and Astronomy, who is currently building a data analytics stack and seeking an entry-level data analyst position, combining my passion for research and desire to tackle practical problems.

EDUCATION

Physics with Theoretical Physics (MSci)
The University of Nottingham

📍 Nottingham, UK
📅 09/15 – 07/19

- Graduated with first class honours.
- Scored 85%+ in seven modules over the second and third year.

A-Levels – GCSEs
Dixons City Academy

📍 Bradford, UK
📅 09/08 – 08/15

- Achieved 3 A-levels, 1 AS-level and 13 GCSEs/equivalent.

BACKGROUND

Portfolio Projects
🔗 **robertkhawley.github.io/DataAnalystPortfolio/**

- Performed data exploration, visualisation, cleaning and correlation analysis in four short projects using SQL Server, Tableau and Python.

Undergraduate Work
The University of Nottingham

Based on four computational projects, four project reports, three scientific articles, one literature review and seven oral presentations:

- Gained insights from simulations after manipulating and visualising their data with MATLAB to validate and debug them.
- Collaborated with peers to carry out three projects, two project reports and three oral presentations.
- Complimented all written work with plots, animations (both produced in MATLAB) and custom diagrams for effective communication.

SKILLS

🛢 **SQL Server**
SSMS, SSIS (ETL)

🐍 **Python**
pandas, NumPy, matplotlib, seaborn

📧 **Excel**
VLOOKUP, conditional formatting, visualisations, pivot tables

🔍 **BI Tools**
Tableau, Power BI

◆ **Git**
GitHub

⋯ **Other**
SQLite, MATLAB, C, JavaScript, HTML, CSS, Flask, LaTeX, Microsoft Office

COURSES

Machine Learning – CS229 (Audited)
Stanford University

Introduction to Computer Science – CS50x (Audited)
edX (Harvard College)

Tableau 2020 A–Z
Udemy

REFERENCES

References provided as and when required.