

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) 📍 Nottingham, UK
The University of Nottingham 📅 09/15 – 07/19

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

A-Levels – GCSEs 📍 Bradford, UK
Dixons City Academy 📅 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.
- Delivered three projects, two project reports and three oral presentations by **collaborating** with peers.
- **Communicated** effectively by complimenting all written work with plots, animations (both produced in MATLAB) and custom diagrams.

SKILLS

SQL Server

SQL, ETL (SSIS)

Python

pandas, NumPy, matplotlib, seaborn

Excel

Formulas, dynamic arrays, pivot tables, visualisations, dashboards, VLOOKUP, Power Query, Power Pivot

BI Tools

Tableau, Power BI

Git

Web Development

HTML, CSS, JavaScript, Flask, SQLite

Other

MATLAB, C, 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 available upon request.