

# 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/](https://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, PowerBI

📦 **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.