

# Oliver Denton

Data Scientist & Analyst

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## EDUCATION

### University of Sheffield

*Bachelor of Science in Artificial Intelligence and Computer Science*

**Sheffield**

*Graduating June 2022*

- Currently in third year and predicted to graduate with a first-class degree in 2022.
- Second year overall grade: 83.0%
- First year overall grade: 75.7%

## WORK EXPERIENCE

### Steyn Group

*Data Engineer & Analyst*

**Sheffield (Remote)**

*Nov 2021 - Present*

- Scoping and researching data sources to create project plans.
- Sourcing, extracting, and cleaning data, using ETL techniques to create data pipelines.
- Preparing, presenting, and analysing data by building dashboards and statistical models.
- Current project involves

### Defence Science and Technology Laboratory (U.K. Ministry of Defence)

*A.I. Research Intern*

**Porton Down**

*June 2021 – Sep 2021*

- Designed, developed, and tested deep learning models and generative adversarial networks for use in image and natural language processing (work covered by security clearance).
- Wrote modern, performant, and robust Python and PyTorch for a diverse array of use cases and model architectures.
- Helped solidify project direction by researching and building brand new proof-of-concept systems for a variety of applications.
- Communicated and collaborated with multidisciplinary teams of engineers, military advisors, and industry partners. Presented work and ideas on a regular basis.

### Twikker Fund

*Analyst*

**Sheffield**

*Oct 2021 - Present*

- Europe's largest student run investment fund (circa £210,000 AUM).
- Researching and analysing investments from a variety of asset classes including equities, bonds, mutual funds, trusts and commodities.
- Managing risk and developing sound investment strategies.

### University of Sheffield

*Lab Demonstrator*

**Sheffield**

*Sep 2021 – Present*

- Currently supporting three undergraduate computer science modules ('Software Engineering', 'Web and Internet Technology', and 'Programming, Problem Solving, and Object-Oriented Design').
- Explaining complex, abstract concepts to students from both technical and non-technical backgrounds.
- Guiding students through problem solving as well as fixing bugs and resolving technical issues.

## SKILLS

*Programming Languages:* Python, Java, Ruby, JavaScript, SQL, HTML, CSS

*Libraries and Frameworks:* PyTorch, TensorFlow, Bootstrap, Ruby on Rails

*Tools and Platforms:* Git, MySQL, SQLite