

Oliver Reeves

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[https://github.com/OliverReeves2](https://github.com/OliverReeves2020)

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I am a hardworking and enthusiastic Computer Science BSc graduate looking to further my career. I am seeking a fast-paced and challenging environment where I can contribute to real-world projects and solutions. I have considerable programming, communication, and teamwork skills, developed through my academic and work experience. I enjoy collaborating, learning new skills and exploring new technologies.

Experience

Volunteer Trainee Statistical Assistant

November 2022 – Currently

King's College London

I have recently undertaken two tasks for Professor Ana Donaldson (King's College London):

- Using Python (Pandas), I am calculating means and proportions, and their 95% confidence intervals, for several patient characteristics. This is to verify that the two treatment groups were balanced for the explanatory variables that were measured in the study.
- I am revising the old practical tutorials using Python (Pandas and Stata packages) instead of SPSS, which was the statistical program used in the prior versions.

Volunteer Researcher

August 2018

King's College London

I wrote an application, using Python, for Professor Ana Donaldson (Biostatistics, King's College London), illustrating the Central Limit Theorem, a key concept in probability theory: showing that, when the sample size is large, the sample means follow a normal distribution, even when the samples come from a non-normal population. The illustration was used in statistical courses aimed at non statisticians: medical and dental PhD students or newly qualified scientific researchers at King's College London.

Summer Research Intern

August 2018

Hammell Lab

The group of Professor Molly Hammell specialises in studying the function of gene networks and how they are compromised in aging associated disease, such as cancer and neurodegeneration. I provided support with data analysis for one of the group's key projects.

- I developed a lightweight script to sort data into a readable format using Python with Pandas and Matplotlib library.

- I sorted through large amounts of data, creating code that improved the analysis and displayed the data in a user-friendly format.
- I gained an understanding of development processes in professional environments, working with various stakeholders (e.g., supervisors and lab heads) and reporting back to ensure it will make impact on the workflows.

Education

MComp (Hons) Computer Science
Nottingham Trent University

September 2020 - Jun 2023

First Class Honours

A Levels

September 2020

The Sweyne Park School

Computer Science: **C**, Maths: **C**, Physics: **D**

Technologies and Skills

Computer Languages

- C/C++
- CSS
- Dart
- Java
- Java Script
- Python (Pandas, Stata, Numpy)
- HTML
- SQL/Oracle

Specialised Skills

- Software engineering (full stack, Front End, Back End)
- Database Manipulation
- Machine Learning
- Data analysis
- Data Structures
- Web Services
- REST API
- Shell
- Firebase
- AWS
- Azure
- Rabbit MQ

Software and Operating Systems

- Linux
- macOS
- Windows 10
- GitHub (source code management)
- Jenkins
- Microsoft office suite
- Docker

General skills

Analytical Skills, Communication, Critical Thinking, Leadership, Problem Solving, Teamwork, Time management.

Certifications

- Azure AI Fundamentals

Awards

- Department of Computer Science High Achiever Prize, Microsoft Azure AI Fundamentals