

## BEN ELLIOT

### EDUCATION

#### University College London, Sept 2021-July 2025, MSci Theoretical Physics

Currently studying in the third year of a 4-year degree at UCL. Third year modules include Machine Learning for Domain Specialists and Practical Machine Learning for Physicists.

**First year grade: 1st (79%)** (including 94% in Computing for Mathematical Physics)

**Second year grade: 1st (75%)** (including 74% in Computational Physics)

#### Caterham School Sept 2015-July 2021

A-levels: Maths (A\*), Further Maths (A), Physics(A\*), Computer Science (A\*)

GCSEs: 4 9s, 1 A\*, 4 8s and 2 7s

### WORK EXPERIENCE

#### RECEPTIONIST, BROOK STREET

June 2023 - Present

- Employed by Brook Street as a receptionist for Hyundai and Lexus car showrooms.
- Greeted customers in the showroom and answered any phone calls to the sales and service departments.
- Organised the sales and service teams to make sure they dealt with any customer queries and complaints.
- Responsible for keeping the showroom clean and tidy.

#### ADMINISTRATION SUPPORT ADMINISTRATOR, SMALLFIELD GP SURGERY NHS

December 2021 - June 2022

- Part of the admin team that ensured doctors got correct, up to date notes on all patients, eliminating the multiple month backlog of patient files.
- I was also selected to work at the front reception desk where I greeted patients and helped them with their prescriptions and medications.

#### WORK EXPERIENCE, ALFA FINANCIAL SOFTWARE

February 2020 - February 2020

- Designed and coded a new piece of software to improve the workflow of the company.
- Interviewed the various different teams in order to clarify what each person and team wanted from this new software.
- Pitched the design member of senior management. I was really pleased the company then used my design and the information obtained in the interviews to build this new software to use in their office.

#### VOLUNTEER CYCLING COACH, REDHILL RAIDERS CC

September 2019 - September 2020

- Lead fortnightly sessions for a large group of young cyclists (age 4-17).
- Improved both the skills of those I coached as well as my ability to lead a group. It was really rewarding to be able to get young people into cycling.

### POSITIONS OF RESPONSIBILITY AND ACHIEVEMENTS

**Study Buddy:** Sept 2020-July 2021 Joined a program in which an older pupil would help a younger pupil learn and supported them throughout the process of adapting to school.

**Independent Research Project Winner:** Sept 2020 Carried out research on the origins of the universe and the theory of Inflation, wrote a detailed report about it and performed a presentation on it which was broadcast online. I was then awarded best project and best presentation.

**UKMT Maths Challenge:** Took part every year from 2015-2020 achieving a gold award every year and one year achieving a merit in the second round.

### PROGRAMMING LANGUAGES

Python - strong knowledge, LaTeX - strong knowledge, Unity - C# - good knowledge, Mathematica, Java, HTML/CSS - limited knowledge. GitHub: [github.com/Ben-elliott27](https://github.com/Ben-elliott27)

### ADDITIONAL INTERESTS

**Cycling:** I cycle regularly and have recently got into hill climbing, competing at the 2022 and 2023 British National Hill Climb Championship as well winning and podiuming on other hill climb events around the South East.