

# TOM DUNKLEY

github.com/tomdunkley ◊ tomdunkley.co.uk ◊ tomudunkley@gmail.com

## EDUCATION

---

### Sidney Sussex College - University of Cambridge

2020 - Present

Computer Science Tripos, Bachelors Degree

First Year

2.1

Second Year

2.1

### Exeter Mathematics School

2018-2020

Sixth Form - A Levels

Computer Science, Mathematics, Further Mathematics, Physics

A\*A\*AA

## LANGUAGES

---

**Prefer To Use:** Python

**Proficient In:** Java, HTML

**Familiar With:** JavaScript, C, C++, LaTeX, SQL, OCaml, R, Prolog

## PROJECTS

---

### Final Year Individual Project

2022 - 2023

- Writing a dissertation on the feasibility of large-scale deepfake detection.
- Creating a chrome extension that is able to classify deepfakes.
- Testing various methods of detection to see which could be used to test videos uploaded to a social media platform.

### Teaching Internship

2022

- Spent three weeks working in the IT department of a secondary school.
- Had the opportunity to plan and deliver lessons.

### Second Year Group Project

2022

- Worked with a client to develop an app that uses GPT-2 to generate stories.
- Worked on server-side development and connecting front-end and back-end.

### Deepfake Detection Talk

2022

- Wrote and then gave a technical talk on deepfakes.
- Included both a technical overview and an ethical discussion.


### June Event Website



2020 - 2021

- Built the website for the Sidney Sussex June Event 2021.
- Included an underlying AR game which made use of JavaScript.
- Worked in a team with an artist.

### Exeter Mathematics Certificate

2018 - 2020

- Group research project on coronal mass ejections.
- Group project developing with AIS.
- Individual project at the end of which I wrote a paper () and gave a talk on random numbers and distributions.

 - Available on my GitHub    - Available on my website