# Ethan Towers

Location: Slough
**(+44) 07477 601398**
**Ethan.Towers@hotmail.com**

LinkedIn: [www.linkedin.com/in/ethan-towers-0911032b1](www.linkedin.com/in/ethan-towers-0911032b1)
Last Updated: 19/11/2025

## EDUCATION

### Higher Education, Royal Holloway, University of London — *Computer Science, BSc, Sept 2023 – July 2026*

I am currently studying in my third year of computer science, with modules focusing on Machine Learning and Software Engineering, while working on my final year project on Ridge Regression algorithms. Expecting to graduate in 2026 with a first class.

Previous year modules/grades:

- Second Year:
  - Software Engineering, Multi-Dimensional Data Processing, Network Security, Algorithms and Complexity, Databases, Information Security, Operating Systems, and a Small enterprise Team Project for a real client.
  - Achieved an overall grade of 79 with a first in each module.
- First Year:
  - Object-oriented programming, Machine fundamentals, Internet Services, Software Design, Mathematical Structure, and Programming labs – with a project in robotics.
  - Achieved a minimum of a 2:1 in all modules, with a majority first and an average overall grade of 79

### School Education, Burnham Grammar School — *A-level, Sept 2021 – Sept 2023*

A-Levels:

- Maths – B
- Computer Science – B
- Biology – B
- Chemistry – C

Other Awards:

- **Academic Excellence awards in Computer Science and Maths.**
- **Bebras Excellence award(s) (2018-2020)**
- **Maths Challenge UK (UKMT)**
- **3*Gold award winner and best in the year**

## TECHNICAL SKILLS

Programming:

- Python
- Java
- C
- Javascript
- React

Tools:

- Git
- Linux
- Maven
- Docker

Web Development:

- Postman
- HTML
- CSS
- SpringBoot

Databases:

- PostgreSQL
- SQLite
- mySQL

## INTERESTS

**Rowing – Competitive at a national level since junior, Raced 3 times at Henley Royal Regatta**

## PREVIOUS EMPLOYMENT

Waitrose and Partners, Maidenhead, part-time shop floor assistant / Sept 2021 – Sept 2023

Learnt skills: Teamwork, Time management, organisation,

## PROJECTS

**Software Repository website (2nd year University Small Enterprise Team Project)
Jan – April, 2025 –**

- Conducted in an agile scrum group of 8 student developers to create a product for a real client.
- Incorporated a full stack of Java, Docker, SpringBoot with configured Spring security, React, JavaScript, HTML, and CSS.
- Created a fully functioning role-based access-controlled website with a backend database to store details of all software used in a system.

**Java leJOS robot (1st year University Team Project) Jan – April, 2024–**

- Developed in a group of 4 students to gain experience with techniques used in coding robotics.
- Implemented using Python and the leJOS framework, which ran on Java threading.
- Programmed and built a robot that reads and plays sheet music.

**Shop MFD app (A level NEA) Jan – May, 2023–**

- Self-directed project to create and showcase capabilities as a programmer at a KS5 level.
- Used Python and SQL database.
- Created a shop assistant app for picking deliveries, item lookup, and off-sales.

## REFERENCES

References available upon request.