

# Cem Yilmaz

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[cem-yilmaz.github.io](https://cem-yilmaz.github.io) | [github.com/cem-yilmaz](https://github.com/cem-yilmaz)

## Education

- University of Edinburgh**, BSc (Hons) in Computer Science (Ongoing) Sept 2021 – May 2025
- **Predicted Degree Classification:** 1st Class (Current working average: 71%)
  - **Courses of note:** Machine Learning, Natural Language Processing, Data Science, Operating Systems, Computer Architecture, Information Retrieval, Algorithms and Data Structures
- Whitley Bay High School**, A-Levels Sept 2018 - Mar 2020
- **Awarded grades:** Computer Science: A, Maths: A, Further Maths: A

## Experience

- Head of Web Operations**, Edinburgh Inter-University Film Festival, Edinburgh May 2024 - Ongoing
- Member of a large, independent, student-led team consisting of students from a wide range of disciplines, such as event planning and graphic design
  - Personally responsible for working with other members to maintain an accurate, professional website
  - Daily communication over Slack, bi-weekly in-person meetings, and task tracking on Asana facilitated a productive team environment and ensured all members could provide immediate feedback
  - **Technologies used:** React, SQL, HTML+CSS
- Backend Developer**, System Design Project (Group work), Edinburgh Jan 2024 - May 2024
- Spearheaded the back-end of TickBox, a web-based & robotic hybrid tool to help students who are distracted with their phones
  - Responsible for the intermediate communication between our Typescript frontend and Flask-powered backend.
  - Utilised Github for both different development branches for team members, and fast deployment of approved changes directly to our frontend.
  - Closely collaborated with all team members, resulting in ideas evolving into implemented features within a matter of hours.
  - Performed large-scale stress tests using Postman representing peak user activity to ensure reliable uptime.
  - Successfully presented our product to industry professionals in a pitch-like environment.
  - **Technologies used:** Typescript, Vite (React), Flask (Python), Postman, WebSockets, SQL, GitHub
- SpoilerBlock**, Chrome Extension Development Jan 2024 - May 2024
- Prototyped a browser extension to "block" YouTube videos containing spoilers for media (TV shows, films, etc) a user is currently consuming
  - Designed a versatile database schema to allow any "spoiler" from any desired media to be inserted
  - Created a portfolio from my Mocha/Chai powered testing suite for project for my Software Testing course, achieving a 1:1 grade for the course.
  - **Technologies used:** Typescript, Vite (React), Flask (Python), Postman, WebSockets, SQL, GitHub
- Other proficient technologies:** Haskell, Docker (+DevContainers), Bash, C, Linux,  $\text{\LaTeX}$
- Additional projects can be found in my **portfolio** (<https://cem-yilmaz.github.io/projects/>)*

## Employment

- Customer Service Representative**, Sainsbury's, Edinburgh Aug 2022 - Ongoing
- Worked in both superstore/convenience environment, quickly adapting to the changes of responsibility present in a smaller, faster-paced location at the heart of the Edinburgh Fringe Festival
- Natural Language Processing Tutor**, University of Edinburgh Jan 2025 - May 2025
- Personally selected to tutor honours students in The University of Edinburgh's respected *Foundations of Natural Language Processing* course
  - Nurtured students to deepen their understanding of complex topics and inspire future passions