Cem Yilmaz

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Education

University of Edinburgh, BSc 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, 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
- Engineered custom workflows to best suite the demands of the team, removing the need to manage unecessary features
- Daily communication over Slack, bi-weekly in-person meetings, and task tracking on Asana facili
- **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 enviroment.
- **Technologies used**: Typescript, Vite (React), Flask (Python), Postman, WebSockets, SQL, Github

SpoilerBlock, Personal Chrome Extension Development, Edinburgh　　　　　　　May 2023 - Jan 2024
- Individual project, inspired by other famous extensions (such as *SponsorBlock*)
- Opportunity to experiment with MongoDB (vs my previous experience with SQL) databases; created a robust schema that can handle a wide range of desired media
- Successfully created a browser extension for Chrome to read from a centralised relational database of spoilers and tagged videos, and filter based on a user's personal tracked media
- Injected custom scripts into the YouTube DOM to provide personalised censorship of offending videos for a user
- **Technologies used**: JavaScript, MongoDB, SQL, Chrome Devtools

Other proficient technologies: Haskell, Docker (+DevContainers), Bash, C, Linux, 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
- Effectively worked with my team to ensure customer satisfaction during the Fringe Festival