

Harry Greentree

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in [harrygreentree](#) 📶 [lm22433](#)

Education

University of Bristol
MEng Computer Science

Sept 2022 – June 2026

- **Expected:** First Class Honours
- **Coursework:**

Experience

Junior Developer
University of Bristol

Bristol, UK

May 2025 – Sep 2025

- Reduced time to render user buddy lists by 75% by implementing a prediction algorithm
- Integrated iChat with Spotlight Search by creating a tool to extract metadata from saved chat transcripts and provide metadata to a system-wide search database
- Redesigned chat file format and implemented backward compatibility for search

Graduate Teacher (Level 2)
University of Bristol

Bristol, UK

June 2024 – Aug 2007

- Reduced time to render user buddy lists by 75% by implementing a prediction algorithm
- Integrated iChat with Spotlight Search by creating a tool to extract metadata from saved chat transcripts and provide metadata to a system-wide search database
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Graduate Teacher (Level 1)
University of Bristol

Bristol, UK

June 2023 – Aug 2007

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Projects

Multi-User Drawing Tool

[github.com/name/repo](#) [↗](#)

- Developed an electronic classroom where multiple users can simultaneously view and draw on a "chalkboard" with each person's edits synchronized
- Tools Used: C++, MFC

Synchronized Desktop Calendar

[github.com/name/repo](#) [↗](#)

- Developed a desktop calendar with globally shared and synchronised calendars, allowing users to schedule meetings with other users
- Tools Used: C#, .NET, SQL, XML

Custom Operating System

2002

- Built a UNIX-style OS with a scheduler, file system, text editor, and calculator
- Tools Used: C

Technologies

Programming Languages: C, C#, C++, Haskell, Java, Go, Python

Web Development: HTML & CSS, JavaScript, Typescript

Frameworks: Spring Boot, Django, Express, NestJS, React.js, Next.js, NodeJS

Databases: PostgreSQL, MySQL, MongoDB, Redis

DevOps and Containerisation: Git, Docker, Microsoft Azure, Amazon Web Services, GitHub Actions