

# Alya A. Campbell

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## EDUCATION

**Brandeis University**, Waltham, MA

May 2024

Bachelor of Science in Computer Science and Applied Mathematics

GPA: 3.472

*Relevant Coursework: Data Structures and the Fundamentals of Computing, Human-Computer Interaction, Introduction to Computer Security, Mathematics for Machine Learning, Fundamentals of Software Engineering, Database Management Systems*

## SKILLS

**Programming Languages:** HTML, CSS, JavaScript, Python, Typescript, SQL, PHP

**Frameworks and Libraries:** React, Node.js, Flask

**Tools and Technologies:** REST API, MongoDB, Copilot, Git

**Development Methodologies:** Agile, Test-Driven Development(TDD), CI/CD

## PERSONAL PROJECTS

**IMDB Replica** (HTML, CSS, JavaScript, SQL, PHP)

- Created a movie database interface that enables users to search for movies, view actors, and interact with the database. Focused on delivering a high-performance, user-friendly interface with efficient data handling.

**Recipe Website** (HTML, CSS, JavaScript, React, API)

- Developed a responsive recipe website allowing users to add, view, and manage recipes, focusing on intuitive design and seamless user interactions. Utilized React for dynamic content updates and component-based architecture, ensuring a smooth user experience.

**Wordle Clone** (HTML, CSS, JavaScript)

- Built a clone of the popular NYT game, including a Hard Mode for added challenge. Employed DOM manipulation techniques to create an interactive and engaging game experience.

**Blog Website** (HTML, CSS, Flask, MongoDB)

- Developed a platform allowing users to create, view, and manage blog entries with an intuitive interface and persistent data storage.

**Movie Watchlist** (HTML, CSS, Flask, MongoDB)

- Built a web app where users can create accounts, save movies to watchlists, add movie details, and browse films added by others.

## EXPERIENCE

**Information Security Intern at Major League Baseball (MLB)**, Remote

Aug. 2023 – Present

### *Internship*

- Assisted in digital investigations and contributed to incident response efforts, mitigating security risks.
- Leveraged Automox to design and implement patching policies, enhancing MLB's security posture.
- Created and maintained scripts and API integrations to optimize and enhance existing security programs.
- Assisted in enhancing the security posture of MLB's digital environment through cybersecurity initiatives.

**Brandeis Technology Help Desk**, Waltham, MA

Aug. 2021 – May 2024

*Student Manager (Dec. 2022 – May 2024), Technician Level I (Aug. 2021 – Dec. 2022)*

- Managed a team of student workers, overseeing schedules, and leading interviews and hiring processes.
- Provided technical support to faculty and students, both onsite and remotely, ensuring timely issue resolution.
- Diagnosed and resolved device-specific issues, implementing effective solutions.

**Brandeis Entrepreneurship and Technology Association (BETA)**, Waltham, MA

Sep. 2022 – May 2024

### *Chief Financial Officer*

- Developed and managed budgets, ensuring all financial transactions complied with regulations.
- Oversaw financial operations, maintaining accuracy and transparency in financial reporting.