

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 enhancing the security posture of MLB's digital environment through cybersecurity initiatives.
- Conducted digital investigations and contributed to incident response efforts, mitigating security risks.
- Developed and maintained scripts and API integrations to optimize existing security programs.

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.