**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, MASep. 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.