Leigh Brown

ljbrown2023@gmail.com | (917)-808-0919 | https://github.com/ljbrown4
https://www.linkedin.com/in/leigh-brown-b25989324/

EDUCATION

Boston University   **Boston, MA**
Bachelor of Computer Science, Minor in Advertising   Expected graduation: May 2027

- ➢ **Dean's List**, 3.79 GPA
- ➢ **Relevant Coursework**: Intro to Computer Science 1 *(Python)*, Intro to Computer Science 2 *(Java)*, Combinatoric Structures, Calculus 1, Geometric Algorithms, Computer Systems (***Assembly and C),*** Analysis of Algorithms, Probability in Computing, Web Application Development (***HTML, CSS, JavaScript, React***)
- ➢ **Technical Skills**: (Proficient) ***Python***, (working knowledge) ***Java, C***, Microsoft Office, Visual Studio Code, debugging

PROJECTS

Introduction to Computer Science 1 (Python) | *Connect Four* **(individual)**

- ➢ Designed Board and Player classes to manage game logic, including checker placement, move validation, and win conditions (horizontal, vertical, and diagonal) utilizing 2D lists.
- ➢ Implemented methods for adding/removing checkers, checking for full columns/board, and resetting the game state.
- ➢ Applied object-oriented principles for extensibility and code clarity.

Introduction to Computer Science 2 (Java) | *Sudoku* **(individual)**

- ➢ Designed a Sudoku class that employed a backtracking algorithm, to manage a 2D grid and constraints for rows, columns, and subgrids.
- ➢ Created methods for placing/removing values. Validated moves to ensure adherence to Sudoku rules and functionality for reading the initial state from the input.
- ➢ Created a user-friendly display method to visualize the Sudoku grid, ensuring the accuracy through debugging.

Web Application Development | Personal Resume Website & JavaScript Calculator

- ➢ Developed a responsive personal website based on resume sections, featuring six internal pages.
- ➢ Designed a fully responsive navigation menu using CSS Flexbox and Media Queries to adapt to different screen sizes.
- ➢ Implemented a JavaScript-based multifunction calculator (addition, subtraction, multiplication, division, exponentiation, and clearing inputs) with real-time validation and styling.

LEADERSHIP

Resident's Assistant, Boston University Resident Life   **August 2024 - May 2025**

- ➢ Interact with the residents regularly. Hold community meetings at least once monthly to review policies and procedures, and focus on community building and community issues.
- ➢ Anticipate residents' needs, identify potential problems, and make appropriate referrals to help residents overcome obstacles such as personal fears, uncertainties, and conflicts.

Senior Tech Support, Anointed End Time Outreach Tabernacle Inc., Volunteer   **March 2020 - August 2023**

- ➢ Responded to online requests and troubleshot any issues.
- ➢ Reported equipment and system malfunctions.
- ➢ Hosted weekly meetings to review procedures, brainstorm solutions, and stay current on the systems.

ORGANIZATIONS

Boston University's National Society of Black Engineers, Member   **Sep 2024 - Present**

- ➢ Engage with a community of 120+ Black STEM students, fostering community & academic excellence.
- ➢ Participate in professional development workshops, community service projects, & study sessions.

Boston University Women in Computer Science Club, Member   **Sep 2024 - Present**

- ➢ Engage and network with other women in Computer science, creating a supportive and successful community.
- ➢ Attend meetings, events, and professional development workshops.

WORK EXPERIENCE

Store Associate, Michaels Arts and Crafts   **July 2022 - Present**

- ➢ Work collaboratively with a team to ensure all customers receive a fast and friendly experience by assisting with product location and demonstration, answering questions, suggesting suitable options, and resolving customer complaints.
- ➢ Train new associates.