

# Bradley Allen

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<https://bradley-allen.com/>

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## Summary Skills

Exceptionally driven and dependable technical problem solver with a customer service record and superb work ethic. Highly proficient in understanding technical problems and producing a clear, concise, and understandable solution.

- Excellent grasp of and experience with low-level programming languages Java, C, and C++.
- Full knowledge of web design and structure including the MERN stack and the framework implementation during web development.
- Sound familiarity with using Windows, Linux, and MacOS operating systems.

**Languages:** C, C++, Java, JavaScript, Python, HTML5, CSS

**Technologies:** React.js, Next.js, Tailwind CSS, MySQL, Bash, Git, Docker

## Projects

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**Portfolio Website** | 05/2022 to 07/2022

- A personal website portfolio to showcase projects, and act as a business card.
- Implemented the MERN stack, which includes MongoDB, Express, React, and Node.

**Scheduling System Application** | 06/2022 to 07/2022

- A Java application used for scheduling rooms to courses in real-time.
- Implemented a MySQL server with Java to store, update, and delete information inside the database.

**Simple Shell** | 05/2022 to 08/2022

- A Unix shell used to traverse and run commands in the terminal.
- Implemented operating system architecture with process manipulation such as fork() and pthreads().
- Solved the need for a shell using the C programming language.

**Wargames** | 05/2021 to 08/2021

- Tic-Tac-Toe game written in Java with a graphical user interface.
- Implemented object-oriented programming principles to achieve a full-fledged Java application.
- Applied Java APIs to create smooth graphics, images, and animations to the application.

## Education

**Lamar University – Beaumont, TX | Bachelor of Science**

Computer Science, Expected in 12/2023

**Lamar State College – Port Arthur, TX | Associate of Arts**

Academic Studies, 05/2021