Ammon Allen

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Objective

Driven computer science student and bilingual professional (Spanish) with a 4.0 GPA at Lamar University, skilled in Java, C++, and foundational programming concepts. Passionate about software development, innovative problem-solving, and effective teamwork. Seeking a software engineering internship to apply and expand technical skills in a collaborative environment.

Technical Skills

- **Programming Languages**: Java (Intermediate), C++ (Intermediate), HTML/CSS/JavaScript (Web development basics)
- **Tools**: Visual Studio Code, Eclipse, Git, Linux command line basics
- **Soft Skills**: Bilingual (English & Spanish), customer service, adaptability, team collaboration, and time management

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Education

Bachelor of Science in Computer Science (in progress)

Lamar University, Beaumont, TX – Expected May 2026

- GPA: 4.0, President's List
- Relevant Coursework: Object-Oriented Programming (Java), Data Structures, UNIX (C++), Computer Organization (Assembly basics)

Projects

Personal Website – ammonreeseallen.com

- Designed and developed a responsive personal portfolio website using HTML, CSS, and JavaScript.

- Created user-friendly navigation and structured project showcase to attract potential employers.

- Integrated small web applications and interactive elements to demonstrate JavaScript skills.

Console Applications

- Utilized object-oriented programming principles, including encapsulation and inheritance, to design flexible classes.

- Applied data validation techniques to enhance the application's user experience and robustness.

- **Loan Calculator**: Created an interactive loan calculator that calculates monthly payments based on principal, interest rate, and loan term.

- **Sorting Algorithms**: Developed and implemented sorting algorithms (e.g., bubble sort, quicksort) to organize and analyze datasets efficiently, gaining hands-on experience with data structure concepts.

- **Blackjack Game**: Programmed a simplified console-based version of Blackjack, handling rules for card drawing, scoring, and dealer interactions.

- **Income Tax Calculator**: Developed a console application to calculate approximate income tax based on user input.

- **Math Quiz**: Built a timed math quiz game with varying difficulty levels and instant feedback, reinforcing logic and user input validation techniques.

Professional Experience

Bank Teller

Community Bank of Texas, Beaumont, TX

Jan. 2022 - Dec. 2022

- Processed transactions accurately, handling payments and transfers with high attention to detail.
- Resolved customer inquiries and ensured positive interactions by maintaining a friendly, approachable demeanor.

Certifications & Extracurriculars

- **Association of Computing Machinery**, Lamar University Chapter