Pranav Munjal

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PROFESSIONAL SUMMARY

Computer Engineering student experienced in backend development using C++, Java and Python, along with Frontend in HTML, CSS and JavaScript with deep knowledge of SQL and relational databases. Well-versed with important coding fundamentals like Data Structures and Algorithms, and Object-Oriented Programming, while having good written and verbal communication skills. Looking for a Software Engineering internship for Summer 2025 or beyond to work on scalable and real-world impact projects.

EDUCATION

University of California, Davis   **Davis, CA**
B.S. in Computer Engineering   **Expected June 2026**
- **Relevant Coursework:** Digital Systems 1 & 2, Circuits 2, Computer Architecture, Algorithm Design and Analysis

De Anza College   **Cupertino, CA**
Associates in Computer Science and Mathematics   **September 2022 - June 2024**
- **Relevant Coursework:** Introduction to & Intermediate Programming in C++, Data Structures and Algorithms

SKILLS

Programming: C++, Java, HTML, CSS, JavaScript, Python, APIs, Git, GitHub, Microsoft Office Suite
Hardware: Verilog, Intel Quartus Prime, FPGAs, OrCAD, PSpice

PROJECTS

"15" Dice Game
- Realized Moore and Mealy finite state machine representations of a dice game using RTL and Block Schematics
- Applied knowledge of sequential network design through implementation of counters and memory, and verified the design using Verilog Testbenches, ModelSim and DE-10 Lite FPGA

Currency Converter App
- Developed a currency converter web app that fetches real-time exchange rates and country data using the Fetch API
- Integrated multiple endpoints to convert currency values and retrieve country flags and currency codes dynamically
- Applied concepts like asynchronous JavaScript, HTTP headers, promise chaining, and API error handling. Styled and structured the layout using HTML5 and CSS for form input, dropdowns, and responsive containers

PREVIOUS INTERNSHIPS

Physics Assistant   **September 2023, December 2023**

Foothill College Physics Show   Los Altos Hills, CA

- Led the organizing team for Foothill College's largest Physics Show as part of a STEM outreach effort, attended by students from lower-income communities.
- Coordinated with faculty and volunteers to deliver engaging demonstrations.

Financial Analyst Intern   **November 2022 - May 2023**

De Anza Student Government - Finance   Cupertino, CA
- Oversaw the allocation of 5% of $1,000,000 student government budget, ensuring equitable funding across college programs through data-driven and inflation analysis.
- Conducted interviews with department representatives and collaborated with my intern team to assess funding needs and prioritize allocations.