

Pranav Munjal

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PROFESSIONAL SUMMARY

Computer Engineering student experienced in backend development using C++ and has strong quantitative skills. Well-versed with important coding fundamentals like Data Structures and Algorithms, and Object-Oriented Programming, while having good presentation, oral and written communication skills. Looking for a Computer Science internship for Summer 2025 or beyond to work on real-world impact projects.

EDUCATION

University of California, Davis

B.S. in Computer Engineering

Davis, CA

Expected June 2026

- **Relevant Coursework:** Algorithm Design and Analysis, Digital Systems 1 & 2, Circuits 2, Computer Architecture

De Anza College

Associates in Computer Science and Mathematics

Cupertino, CA

September 2022 - June 2024

- **Relevant Coursework:** Introduction to & Intermediate Programming in C++, Data Structures and Algorithms

SKILLS

Programming: C++, 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 INTERSHIPS

Physics Assistant

Foothill College Physics Show

September 2023, December 2023

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

De Anza Student Government - Finance

November 2022 - May 2023

Cupertino, CA

- Demonstrated excellent analytical and problem solving skills by overseeing the allocation of 5% of the \$1,000,000 student government budget, using inflationary and historical data to ensure equitable funding across college programs.
- Conducted interviews with department representatives and worked effectively with interns in a team environment to assess funding needs and prioritize allocations.