Aarnav Gujjari

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EDUCATION

De Anza College | **Cupertino, CA**

Associate's Degree in Computer Science   **2023 - 2025**

Relevant Courses: Programming Methodologies in C++, Computer Architecture and Organization
Clubs: Competitive Programming Club, Cross-Cultural Partners

TECHNICAL SKILLS

Programming Languages: Python, C++

Tech/Tools: Django, Bootstrap, PostgreSQL, Git, OpenCV, MS Office, Adobe Illustrator, Computer Hardware

Operating Systems: Linux, MacOS, Windows

PROJECTS

AutoSpot | **Personal Project**

- Developed a real-time parking space occupancy monitoring system using **Python**, employing **OpenCV**'s Haar Cascade Classifier for precise object detection and grayscale conversion for enhanced image analysis
- Implemented pixel coordinate system to accurately determine parking space status
- Adapted for use on Windows and MacOS

Job Search | **Personal Project**

- Developed an automated web scraping system using Beautiful Soup (Python library) to monitor the availability of internship job postings
- Initialized an **Amazon EC2** container for scheduled, autonomous execution, ensuring real time tracking of site changes

PROFESSIONAL EXPERIENCE

SAT Math/AP Calculus Instructor | **Excel Test Prep** | **Fremont, CA**   **February 2024 - Present**

- Deliver engaging and comprehensive math instruction to students of various age groups based on Excel Curriculum and teaching methods
- Create a positive and motivating learning environment to foster a love for mathematics and boost students' confidence

Computer Technician | **Self-Employed** | **San Jose, CA**   **June 2021 - October 2023**

- Customized PC configurations based on individual needs, including those of students, home offices, and small businesses, ensuring optimal performance and functionality.
- Upgraded hardware components to enhance system capabilities and meet client specifications.
- Conducted troubleshooting procedures to identify and resolve issues related to PC misconfigurations, including diagnosing and rectifying problems such as corrupted RAM, hard disk failures, and miswiring