Aryan Gaur

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EDUCATION

SAN JOSE STATE UNIVERSITY
B.S. in Computer Engineering
Aug 2023 - Present | San Jose, CA
Merit-based Full Scholarship from the College of Engineering
Dean's List
The Software and Computer Engineering Society

DOUGHERTY VALLEY HIGH-SCHOOL
Highest Honors
Aug 2019 - June 2023 | San Ramon, CA
Cum. GPA: 4.2 / 4.0

LINKS

LinkedIn:// **Aryan Gaur**
Graphic Design Page: **LETEGFX**

COURSEWORK

Data Structures and Algorithms
Assembly Language
Circuit Analysis
Linear Algebra and Differential Equations
Physics: Electricity and Magnetism
Discrete Mathematics
AP Calculus 1,2,3

SKILLS

PROGRAMMING
Over 5000 lines:
JavaScript • C++ • Python • Swift• TypeScript

AWARDS

FOOTBALL
All EBAL First Team
All-State Nominee
Leadership Award
Held several college offers including D1
Recognized as Scholar-Athlete many consecutive years

LACROSSE
SJSU Lacrosse Athlete
Collegiate All Conference Honors

POWERLIFTING
SJSU Powerlifting Athlete
Collegiate Nationals Qualifier

EXPERIENCE

MIND AND MATCH | ML Software Engineering Intern
Jun 2024 - Sep 2024 | San Ramon, CA
- Created an advanced regulatory agent to address and resolve questions related to practicing across state lines, enhancing regulatory compliance and support for therapists.
- Leveraged the MERN stack (MongoDB, Express.js, React, Node.js) to build and maintain dynamic, responsive web applications, ensuring seamless integration and user experience.
- Simplified and streamlined interstate practice management, benefiting over 300 therapists on the Mind and Match platform by improving operational efficiency and reducing administrative overhead.

LOWE'S | Sales Associate
Jun 2024 - Aug 2024 | Livermore, CA
- Achieved Daily Sales Targets: Personally sold approximately $2,000 worth of power tools daily, demonstrating strong product knowledge and effective sales strategies.
- Utilized advanced sales techniques to successfully procure add-on products, increasing overall transaction value and customer satisfaction.
- Excelled in a fast-paced team setting, collaborating effectively with colleagues to meet store goals and provide exceptional customer service.

PROJECTS

LIGHT FREQUENCY ROBOT | Software Engineer
Dec 2023| San Jose, CA
- Programmed a fully autonomous robot that found different color beacons, and performed a series of actions to each beacon such as moving them out of the arena.
- Created program in C to detect light frequency (color) and perform actions smoothly and work accordingly to mechanical design of teammates
- Developed an intuitive program using sensor inputs and loops to ensure the accomplishment of tasks assigned.

IMAGE PROCESSING PROGRAM | Software Engineer
Nov 2023 | San Jose, CA
- Created a menu based program that prompts user for input image, and outputs a resulting image with the chosen effects.
- Implemented Gaussian Blur, used algorithms that manipulated colors of pixels in matrices to create a blur effect
- Added Image Sharpening using algorithms using pixel kernels to sharpen image
- Programmed for Reflections, used loops to replace pixels on either side in order to create a resulting mirror-like image

FANTASY FOOTBALL DASHBOARD | Software Engineer
Oct 2023 | San Jose, CA
- Created web app allowing user to input valid football player name, and output statistics of player thus far in the season.
- Used Flask to code API implementation and the visuals of the page, hosted on glitch
- Allowed players to gain insight on how their chosen team will perform.