

Khushdip Singh

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Personal Objective:

To obtain a masters in CS along with knowledge of the day-to-day workings of a software engineer through an internship. Proven to be dependable, diligent, and adaptable to any circumstance.

Education:

Ripon High School, Graduated May 2024, GPA: 4.71

Modesto Junior College, Dual/Part-Time Enrollment since July 2022, GPA: 4.00

California Polytechnic State University, San Luis Obispo, Computer Science Major

Work Experience:

Bay Valley Tech, Software Intern, February 2023 - February 2024

- Learned **frontend development** skills and languages such as **Javascript, CSS, and the React framework** to cooperate with others in order to design and develop websites and applications, such as a program to help first responders identify drug facts

ATI Trucking Website, Front-End Developer, 2023 - Present

- Programmed an **e-commerce website** for high-growth trucking companies in California, **cooperating** with corporate officials to keep track of products, storage, **website maintenance**, all while furthering my skills in **programming** and understanding major computational languages.

SINGH Air-Conditioning and Heating, HVAC Technician / Front-End Developer, June 2022 to Present

- **Install and repair** heating, ventilation, and air-conditioning systems in residential and commercial buildings, effectively **communicating** with customers and other businesses to provide services
- Develop the family-owned company into an **e-commerce** site and become an **HVAC distributor**, supplying parts from the manufacturer to other technicians and customers.

Round Table Pizza, Crew Member, June 2023 to Present

- Prompted me to learn skills through **settling disputes, working with others** under stressful conditions, and **stress management**. It improved my efficiency in **communication** with customers and co-workers to complete orders quicker and **clarify any confusion**.

Extracurricular Leadership Experience and Projects:

LATNO Engine, 2022 - Present

- Used **C++** to **develop a 2D game engine** from scratch, enabling users to craft their own games. This project has been **recognized by Riot Games**, a gaming-tech giant, as my friends and I continue to update and add features.

Ripon High School Code Club Founder and President, 2022 - May 2024

- Hosted RiponHacks, a **hackathon** that prompted attendees with a challenge to code a solution to. **Raised thousands of dollars** to support communities with a lack of sufficient tech. The club was also designed to **promote tech** and the software industry, introducing and **inspiring students** about code

Ripon High School ASB Student Council - Technology Commissioner, 2023 - May 2024

- Operated and **managed any tech equipment**, such as sound systems and speakers, projectors, laptops and computers, etc. Granted the role of and would serve as the **student IT, debugging and troubleshooting** software problems, **working closely** with district IT when needed.

Awards and Certificates:

HackBackBetter (2023) & H₂O Hackathon (2024)

- Won two separate **hackathons** in which college and high-school level participants across the state had to **design an application** to promote environmental preservation.

Legacy JavaScript Algorithms and Data Structures, 2021

- **300 hours** of lessons and activities, solving and **coding** numerous questions, scenarios, and projects. Participants are then given **five large projects** in which they have to code and submit their solutions to be approved.