

Summary

I am a passionate and result driven Computer Science student actively looking for an opportunity to apply my knowledge in real-world projects and contribute to the field of Computer Science.

Education

Bachelor of Science in computer science (GPA: 3.432)

California State University, Sacramento

Aug 2023 to Present

expected graduation Spring 2025

Coursework: Calculus I, II, III, Data structures, Assembly Language, Unix, Statistics, Software Engineering, Network Fundamentals, Computer organization, Computability and Formal Language, Database Management.

Certifications

AWS Cloud Practitioner Essentials

Coursera - Oct 2023

It signified a foundational understanding of AWS cloud computing concepts, global infrastructures, security, and services, and architectural principles.

Projects

- **Inventory Request System for Valley Tech Systems** (Figma, JavaScript, NodeJS, SQL)
Developed an internal website using Agile methodology and designed the user interface using Figma to streamline the equipment request process for managers at VTS, ensuring effective tracking of requests.
- **Chat Application with Client/Server Model** (Python, Linux, Sockets)
Developed a Python-based client-server chat app using Linux stream sockets. Implemented a scalable server architecture supporting up to 10 concurrent clients with features including user registration, messaging, and broadcasting. Demonstrates proficiency in network programming and protocol design.
- **Mobile design** (Figma)
Designed the mobile version prototype of the Greater Sacramento Nepalese Community Center website ensuring a user-friendly and visually appealing interface.
- **Blog App** (Mongo DB, Express Js, React, Nodejs)
Built a full stack blog application using MERN stack that allows users to create, edit and delete daily blogs. Blogs can also have comments which can be edited and deleted.

Professional Experience

Hornet Leadership Program, California State University, Sacramento

Feb 2024 - present

- Engaged in a National Science Foundation(NSF) funded Program, enhancing leadership skills while spearheading a project to introduce a power bank loan service, addressing student needs and fostering collaboration with peers and STEM professionals.

Math Tutor, California State University, Sacramento

Aug 2023 – Dec 2023

- I provided tailored guidance in Calculus I, II, and III to a diverse group of over 20 undergraduate students. Likewise, I Clarified complex mathematical concepts, problem-solving techniques, and proofs to enhance student understanding.

The cultural Art and Digital Print, Nepal

Feb 2019 to Aug 2021

- Greeting guests with professional and positive demeanor. Similarly, handling and responding to mails, scanning, printing, fulfilling the supplies as per the need of the office.

Skills

- Languages: C++, Python, Java, Html, CSS, JavaScript ,SQL
- Frameworks: Angular, Node JS, React, Redux, Tailwind
- Database: MySQL, MongoDB
- Others: NumPy, Pandas, Figma

Leadership Experience

- Conducted health campaigns, crowd management as a Nepal Scout and Volunteered in Associated Students Inc (ASI) as Food Logistics ensuring that no one in our community faces food insecurity.