SUE SUE

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EDUCATION

California Polytechnic State University, San Luis Obispo — San Luis Obispo, CA
Bachelor of Science in Computer Science — *Sept. 2024 – Jun. 2026*

De Anza College — Cupertino, CA
Associate's in Computer Science and Mathematics — *Sept. 2022 – Jun. 2024*

WORK EXPERIENCE

Computer Engineering Department Student Lab Technician — Oct 2024 – Present
Cal Poly, San Luis Obispo — *San Luis Obispo, CA*
- Identify, replace, and repair defective equipment, manage lab equipment setup and moving.

Software Developer at Hack4Impact — Oct. 2024 – Present
Cal Poly, San Luis Obispo — *San Luis Obispo, CA*
- Collaborate with cross-functional teams of developers, product managers, and designers to build impactful software solutions for local nonprofits using **JavaScript, Typescript, React, Next.js, Node.js, and MongoDB.**

Section Leader at Code in Place — Jun. 2023 – Present
Stanford University — *Palo Alto, CA*
- Chosen out of 1000 applicants to teach the first half of Stanford's Intro to Python course, CS106A, to 10 students globally on Zoom in June 2023 and June 2024.
- Developed a Photo Editor, an **interactive Python program** with various image editing options such as borders, filters, text, reflections, collages, and rotation.

Computer Science Tutor — Apr. 2023 – Apr. 2024
De Anza College — *Cupertino, CA*
- Provided tutoring, hosted office hours, and one-on-one sessions for **Introduction to Advanced C++, Java, Python, and x86 Assembly** language courses, supporting over 80+ students.

Student Assistant at Admissions and Records — Jun. 2023 – Aug. 2024
De Anza College — *Cupertino, CA*
- Provided technical and administrative support for admissions and registration processes through in-person inquiries, phone calls, and emails while managing Personally Identifiable Information (PII) securely.

Admin Assistant and Database Administrator — Apr. 2022 – Aug. 2022
Dauntless Discovery International — *Yangon, Myanmar*
- Designed and implemented a comprehensive Microsoft Access database for asset tracking and employee records, improving data management efficiency.
- Maintained 100+ office computers and resolved network issues, providing technical support across the organization.

TECHNICAL PROJECTS

POS System for Grocery Store | *Java, JavaFX, MySQL*
- Built user and admin interfaces to manage checkout, orders, sales tracking, voucher printing, and inventory.
- Simulated real-world grocery store operations with efficient transaction handling.

POS System for Book Store | *PHP, Laravel, Bootstrap, MySQL*
- Developed features for checkout, order processing, cart management, and reporting.
- Streamlined core bookstore operations through integrated online order and sales management.

Roommate Chores Tracker | *Python, PostgreSQL, Rest APIs*
- Developed a back-end API for a chore tracking application using **SQLAlchemy**, supporting task management and bill and user assignments.
- Collaborated with teammates to design database and implemented CRUD operations for efficient task tracking.

TECHNICAL SKILLS

Languages: Python, Java, C++, JavaScript, PHP, MySQL, PostgreSQL, HTML/CSS
Frameworks: React, Node.js, FastAPI
Developer Tools: Git, GitHub, VS Code, Visual Studio, PyCharm, Eclipse
Relevant Coursework: Object-Oriented Analysis and Design, Discrete Mathematics, Linear Algebra, Circuit Analysis, Design and Analysis of Algorithms, Database Systems, Statistical Methods for Engineers, UI/UX