Srish Maulik

srishmaulik2004@gmail.com • +1 (805) 215-5743
http://www.linkedin.com/in/srish-maulik-389033232
• CA 93410, United States
https://srishmaulik.github.io/index.html | https://github.com/srishmaulik

Education

California Polytechnic State University (Cal Poly) — San Luis Obispo, CA

Bachelor of Science degree in Computer Science — June 2026
GPA 3.684 (averaged over 5 quarters, from junior to sophomore year)

Academic Accolades — Sustained Dean's List recognition from freshman through the initial quarter of sophomore year, culminating in inclusion on the esteemed President's Honors List.

Relevant Coursework — Intro to Computing, Fundamentals of Comp Sci, Data Structures, Project-Based OOP & Design, Intro to Computer Organization, Systems Programming, Discrete Structure, Statistical Methods for Engineers, Intro to Databases, Algorithms Design

Technical Skills

Languages — Python | SQL | TypeScript | JavaScript | Java | CSS | HTML | LC-3 Assembly | C

Skills — NumPy, Matplotlib, ROS2, Anaconda, Metabase, Cloud Computing on AWS, Systems Programming

Academic Projects

IoT Systems Pipeline Project (Ongoing/Independent): Attempting to emulate a modern industrial warehouse with IoT sensors.
Systems Programming (Cal Poly): Made a File System Emulator and a concurrent file downloader system, and mimicked a server, downloading file content, using C programming.
Web Development (Independent): Used frontend skills to make my own webpage.
Java Object-Oriented Programming Course Project (Cal Poly): Elevated the virtual world in our Java Object-Oriented course by surpassing project expectations. Introduced six entities, exceeding the specified four, and integrated health parameters. Extended user interaction by allowing unlimited clicks, ensuring dynamic entity spawning and enhancing the overall user experience.
Intro to Computer Organization Course (Cal Poly): Crafted custom keyboard interrupt service routines in assembly language as part of assignments in the Intro to Computer Organization course.
Financial Indicators Research and Implementation: Researched and implemented financial indicators for trading in code.
Autonomous Robotics Project: Wrote code for a node and database, to collect data from the autonomous sea vessel.

Internship Experience

Unifynd Technologies — Mumbai, India   07/2023 – 08/2023
Software Development Intern (45 hours a week)

- Learnt and wrote SQL code to analyze financial data and organize large amounts of raw data efficiently.
- Used Python and SQL on a Metabase platform to create graphs showcasing stock performance, thus helping in data analysis.
- Wrote code to help transfer data from CSV files to the company's Metabase server.

Campus Involvement

- **Cal Poly Men's Swim and Dive Team:** Commit 20 hours of training per week and compete in inter collegiate competitions. *September 2022 – Current*
- **Hack4Impact:** Work on projects based on web development, frontend work, and full stack. *October 2023 – Current*
- **Cal Poly Robotics:** In the software team for an autonomous sea vessel. *January 2024 – Current*
- **CSAI (Computer Science and Artificial Intelligence):** Attend workshops on Machine learning, like Gradient Descent. *September 2023 - Current*