

Raj Mehta

**JUNIOR | CALIFORNIA POLYTECHNIC UNIVERSITY
SAN LUIS OBISPO**

ABOUT ME

I am a Computer Programming and Engineering major graduating in Fall 2025. I have a strong interest in embedded technologies, and I hope to gain experience interacting and building upon large scale technologies. I am enthusiastic about tackling any challenging problems to gain exposure, increase my breadth, and gain expertise.

RELEVANT EDUCATION AND PROJECTS

Systems Programming, Intro to Database Systems, Computer Architecture, Data Structures, Object Oriented Programming, Design and Analysis of Algorithms.

Electric Circuit Analysis, Digital Design, Computer Design and Assembly Language Programming

Current Coursework

- Capstone: Northrop Grumman Collaboration Project developing drone to help identify stranded hikers using ROS2.
- Microcontrollers: Bare-metal programming
- Mobile Autonomous Robotics

Projects

Library Management System & Fitness App: Java, JavaFX, SQL
STM32: Temperature Controlled Peripheral Handler
Arduino: Gained familiarity with SPI, I2C, UART

SOFTWARES AND LANGUAGES

Programming Languages: Java, C/C++, Python, Assembly, Verilog

Programming Tools: Visual Studio, IntelliJ, Git, Eclipse

Other Skills: MS Office, Windows, WSL/Linux CLI, Confluence

Past Experiences:

Independent Tutor: Helped students from 3rd to 12th grade with Calculus, Java Programming, English, Physics, College Applications.

Lynbrook High School, San Jose, CA: DECA, FBLA, Mock Trial, Speech and Debate, Volleyball, Internship at TechTuners helping develop business plan for new international soccer exchange program and worked on scraping data using Python and Excel.

CONTACT

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