

Sid Meka

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EDUCATION | CALIFORNIA POLYTECHNIC STATE UNIVERSITY - SAN LUIS OBISPO

B.S - Computer Science, Concentration in Artificial Intelligence and Machine Learning, Minor in Statistics Exp Grad: June 2026

- Major GPA: **3.6**
- Coursework: Data Structures, OOP, Discrete Structures, Computer Organization, Algorithms, Artificial Intelligence, Systems Programming, Knowledge Based Systems, Database Systems, Theory of Computation, Computer Security, Software Engineering

SKILLS

Programming Languages: Python, Java, JavaScript, HTML/CSS, Assembly, C Programming Language, Prolog, SQL

Frameworks/Libraries: React, React-Native, Flask, Node.js, Next.js, Spring Boot, Pandas, Tailwind CSS, NumPy

Software Skills: Bubble.io, MongoDB, Unix, Terminal, VIM, JMP

PROFESSIONAL EXPERIENCE

SHOPVOX

July 2023 - September 2023

SOFTWARE ENGINEERING INTERN

- Developed existing HTML and CSS to fix **100+** web-based issues prompted from the marketing department for a polished UI
- Collaborated with team members to implement and improve data management features to enhance UX
- Utilized Statamic and TailwindCSS to organize pages and manage codebase overseeing company's marketing

TESSOLVE

June 2021 - August 2021

SOFTWARE ENGINEERING INTERN

- Assembled Python script to filter inventory of **10,000+** unique computer chips by a specific criteria
- Enhanced ability to collect certain sets of data of computer chips and technological devices to export into Excel
- Received mentorship from full-time Software Engineer for tasks relating to front-end and back-end integration

HACK4IMPACT

September 2024 - Present

SOFTWARE DEVELOPER

- Participated in a bootcamp on TypeScript, React, and Next.js, gaining expertise in modern front-end web application development
- Developed backend solutions using Node.js and MongoDB hosted on AWS, focusing on scalable and efficient data management
- Fostered learning among humanitarian-focused developers and designers, encouraging the use of technology for social impact

CAL POLY - ITS - CLIENT SERVICES

November 2023 - Present

STUDENT ASSISTANT

- Assisted in resolving **1,000+** service tickets regarding university-wide technical issues
- Troubleshooted **1,000+** electronic products including hard drives, software, mobile apps, and os systems
- Facilitated supportive and efficient customer service to aid students and facility respectively

SIGMA PHI DELTA

September 2023 - June 2024

PROFESSIONAL EVENT PLANNER

- Organized **15+** philanthropy experiences and fundraising events generating large non-profit revenue
- Collaborated with **5+** businesses to execute inclusive fundraising events utilizing organized mixed team structure
- Oversaw **10+** events including mock interviews, resume building, and LinkedIn workshops for students' professional development

PROJECTS

TRACKED | REACT NATIVE MOBILE APP

August 2024 - Present

INDEPENDENT DEVELOPER

- Developed a full-stack application that computes nutritional macros from user inputs with Natural Language Processing
- Integrated Flask API to streamline Python backend and React Native front end for complete mobile application development
- Applied a nutrient database for macro information retrieval enabling accurate insights based on user-entered information

SIGMA PHI DELTA | CHESS AI PROJECT

April 2023 - June 2023

SOFTWARE DEVELOPER

- Assisted with software development of chess AI using Python to implement alpha beta pruning and create neural networks
- Integrated software with working 3-axis gantry system machine promoting effective collaboration
- Utilized algorithmic stepping and pruning into implementation to minimize data usage and maximize efficiency