

# Sid Meka

smeka@calpoly.edu | 650-924-6974 | <https://www.linkedin.com/in/sidmeka>

---

## 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, Next.js, and MongoDB, applying practices for web application development
- Built projects gaining experience with application development, backend development, databases, and modern frameworks
- Fostered learning among humanitarian-focused developers and designers, reinforcing the idea to use technology for social good

### 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