

Education

California Polytechnic State University, San Luis Obispo September 2019 - June 2023
B.S. Software Engineering

- **Software Coursework:** Intro to Security, Data Structures, Project-Based OOP, Discrete Structures, Computer Organization, Systems Programming, Design & Analysis of Algorithms, Programming Languages, Database Systems, Software Engineering 1, UI Design & Development, Distributed Computing, Software Requirements
- **Engineering Coursework:** Stats for Engineers, Technical Writing, Engineering Finance
- **Campus Involvement:** Theta Tau SLO, Founding Vice President

Projects

Shport.app <https://shport.app>

A web dashboard to display favorite sports teams and relevant stats, news, and schedules across 4 popular leagues

- Oversaw sprint planning and small team coordination in an Agile Development environment
- Interfaced application with live APIs and web-scraping with dynamic caching
- Utilized: MongoDB, Express, ReactJS, Node, Heroku, Cheerio, Rest API, Git

Theta Tau Slo Website <https://thetatauslo.com>

A landing page for all things Theta Tau SLO

- Designed and implemented seamless UI/UX
- Directed software maintenance and informational updates
- Utilized: ReactJS, Node, Bootstrap, Git

Experience

Cal Poly CS/SE Dept.

March 2022 - Present

Instructional Student Assistant

- Collaborated closely with faculty in developing educational software to deliver impactful learning tools to the classroom
- Developed lightweight code mutation software for student use in CompSci courses

Code Workout

February 2021 - June 2022

Software Developer

- Redesigned modules to implement dynamic testing solutions
- Conducted multiple active record migrations in a Rails environment and back-end schema modifications on an SQL database
- Attained proficiency in navigating containerization on Docker

NEC Laboratories, Inc

August 2018 - September 2018

Machine Learning Intern

- Assisted 2 computer vision teams with traffic optimization and tattoo recognition technologies
- Promoted a driven and welcoming environment by organizing weekly team bonding events

Skills

- **Technical:** Python, Java, Git, Javascript, Typescript, HTML/CSS, Ruby on Rails, Docker, ReactJS, NextJS, Racket, AWS Amplify, RestAPI, Scala, Spark, Figma, Jira, Postgres
- **Other:** Chinese (fluent), Spanish (conversational)