

# Chris Menke

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## EXPERIENCE

### Sports Warehouse Inc

San Luis Obispo, CA

Front End Developer

July 2023-Present

- Collaborated closely with product managers, designers, and fellow engineers to define, design, and ship new features
- Built content generation tools to reduce future work loads
- Resolved software issues to ensure smooth functionality and resolve any technical issues promptly, contributing to high levels of customer satisfaction

### Seminaut Inc

Remote

Full Stack Web Developer (Intern)

February 2023-June 2023

- Modularized codebase to improve readability (React.js with TypeScript & Python/Flask)
- Implemented backend validation to keep data consistent across model instances

### Hack for LA

Remote

Full Stack Developer (Volunteer)

January 2023-July 2023

- Reviewed and tested other engineers' code to ensure it was ready to be merged into codebase
- Contributed to GitHub Actions CI/CD pipeline to preform proper code checks before integration/deployment

### ACCO Engineered Systems

Pasadena, CA

Design Engineer/Project Engineer

July 2021-November 2022

- Coordinated with other trades, engineers, subcontractors and customers to solve problems and ensure project quality and timeliness
- Optimized existing systems to preform with higher efficiency

## SKILLS

- **Languages:** JavaScript, TypeScript, HTML, CSS, Python, Ruby, PHP, MATLAB
- **Frameworks/Libraries:** React, Node/Express, Flask, Ruby on Rails, TailwindCSS
- **Databases:** SQL (PostgreSQL), MongoDB, Google Firebase
- **Programming Principles:** Object Oriented Programming (OOP), REST APIs
- **Testing:** Jest, Rspec, Pytest, Vitest
- **Version Control:** Git/Github

## WEB DEVELOPMENT PROJECTS

### Instagram Clone

- Designed fully functional Instagram Clone with a React.js (with TypeScript), Ruby on Rails and SQL
- Utilized google firebase for image storage
- Implemented photo cropping functionality

### Twitter Clone

- Developed a fully functional Twitter clone with a React.js frontend and a Node/Express backend using MongoDB.
- Provided user authentication with Twitter OAuth and Passport.js using JWT
- Wrote modern, asynchronous JavaScript to ensure seamless API calls
- Improved user readability using Font Awesome Icons

### Chess

- Programmed Chess in Ruby for players to play against each other or computer
- Created Classes/Modules with Object Oriented Programming in mind to maximize reusable code
- Wrote algorithms to verify if a player had been checked/checkmated and tested with Rspec

## EDUCATION

### California Polytechnic State University, San Luis Obispo

San Luis Obispo, CA

Bachelor of Science in Mechanical Engineering

June 2021

Cum Laude

GPA: 3.64