

Chris Menke

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EXPERIENCE

Seminaut Inc

Remote

Full Stack Web Developer (Intern)

February 2023-May 2023

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

Hack for LA

Remote

Full Stack Developer (Volunteer)

January 2023-Present

- 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

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

Trivia App

- Built trivia app with Vanilla TypeScript, Tailwind CSS, and an external API all bundled with Webpack
- Tested functionality with Jest

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

SKILLS

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

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