

Chris Menke

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WEB DEVELOPMENT PROJECTS

Twitter Clone

- Developed a fully functional Twitter clone using the MERN Stack
- 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

Snake Game

- Built the classic snake game in React.js and allowed high scores to be saved with a Rails API using PostgreSQL.
- Leveraged React Router to allow navigation between multiple pages on the site

EXPERIENCE WITH

- Semantic HTML
- Responsive CSS
- JavaScript
- React
- Node/Express
- MongoDB
- Ruby
- Ruby on Rails
- SQL (PostgreSQL)
- Rest APIs
- Jest
- Rspec
- Webpack
- Google Firebase
- Git
- MATLAB
- Engineering Equation Solver
- Microsoft Office (Excel, Word, PowerPoint, Project)

EDUCATION

California Polytechnic State University, San Luis Obispo

Bachelor of Science in Mechanical Engineering

Cum Laude

San Luis Obispo, CA

June 2021

GPA: 3.64

WORK EXPERIENCE

ACCO Engineered Systems

Design Engineer/Project Engineer

Pasadena, CA

July 2021-November 2022

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