

Connor Lee

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Summary

Full Stack Web Developer and graduate from the University of Washington Full Stack Coding Bootcamp with knowledge and expertise to develop full MERN stack applications with ReactJS and collaboration using Git version control. Background of three years as a Project Engineer for a construction contractor, and a Civil Engineering graduate from the University of Washington College of Engineering.

Projects

Stem | [Readme](#) | [Site](#)

React based social media vault that stores the user's social media highlights in one location

- Maintained persistence and log-in sessions using Google OAuth, JSON web tokens, and cookies
- Set up Mongo database and Mongoose model schema to store user data and allow scalability
- Developed and reviewed React components and state management
- Built front and back-end routes for RESTful API to manipulate user inputted data
- Deployed using Heroku to support back-end database

ParkSmart | [Readme](#) | [Site](#)

Full stack C2C app where users lease or rent private parking spaces to simplify parking in urban areas

- Set up MySQL database and schema to support MVC architecture and relational data
- Researched and implemented Google Maps API and user geolocation
- Created CRUD routes from back-end to display database data on Google Maps on client side
- Built logic testing scripts using Mocha/Chai and Travis-CI to ensure application stability
- Used NodeJS runtime environment and modules to increase development efficiency

WeatherSpot | [Readme](#) | [Site](#)

Front-end music/weather app that suggests songs of certain genres based on the current weather

- Consumed Youtube and OpenWeatherMap RESTful APIs using JQuery Ajax CRUD methods
- Used animated CSS to enhance user experience and immersion
- Adhered to agile methodology and Git version control for group project management

Work Experience

2016 - Current **Project Engineer II - Granite Construction Company | Seattle, WA**

- Identified fundamental inefficiencies and developed technological drone solution to enhance documentation, project planning, and quantity tracking
- Managed GPS machine control and work site modeling to increase efficiency and reduce overhead
- Managed teams of 10+ people to complete \$500,000 jobs and scopes of work over \$4,000,000

Summer 2015 **Structural Engineering Internship - AHBL | Seattle, WA**

- Assisted in engineering design process of structural evaluation, analysis, design, and detailing
- Supported development of engineering reports

2014 - 2016 **Design Lead for Canoe Hull and Concrete Mix - UW Concrete Canoe Club | Seattle, WA**

- Performed hydraulic analysis to develop canoe hull design for different load cases and test scenarios
- Designed, tested, and optimized concrete mix designs to adhere to competition requirements
- Led teams of 10-15 students in both roles to ensure knowledge transfer and longevity of club success

Education

Full Stack Web Development Certificate | **University of Washington Coding Bootcamp - Seattle, WA**

B.S. in Civil and Environmental Engineering | **University of Washington - Seattle, WA**