

Connor Lee

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Summary

Software Engineer and graduate from the University of Washington Full Stack Coding Bootcamp with demonstrated knowledge to develop full stack applications with React, Node, SQL/NoSQL, and team collaboration using Git version control. Civil Engineering graduate from the University of Washington with a background of four years in Construction Management as a Project Engineer and recognized as a leader in technology within construction.

Work Experience

Appman Property Management | Software Engineer

2020 - 2021

- Built internal tool with intuitive React front-end to manage property leases, finances, and maintenance requests
- Collaborated in schema creation and application architecting to meet client's needs and future plans
- Reduced repeat code by writing reusable custom React Hook for form handling with validation
- Hosted Postgresql database with AWS RDS to store user and lease data and allow simple future scaling
- Held daily stand ups and weekly sprint meetings to communicate work scope and discuss blockers
- Built front and back-end RESTful API to register users, handle user sessions, validate forms, and more

Granite Construction Company | Project Engineer II

2016 - 2020

- Recognized regionally as leader in technology after developing drone solutions to enhance documentation, project planning, and quantity tracking which saved a project over \$250,000 in claims
 - Taught construction GPS utilization and 3D site modeling to increase productivity by 25% and reduce overhead
 - Managed teams of 10+ people to successfully build \$35,000,000 jobs and scopes of work over \$6,000,000
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Personal Projects

Bug Tracker | bugtracker-cl.com | [Readme](#)

Project management tool to organize and organization's projects while featuring teams, issue tickets, comments, and more

- React front-end with re-usable custom hooks/components and dynamic content per user authentication level
- NodeJS backend with Express.js server to serve data from PostgreSQL relational database
- Persistent log-in sessions with authorized API calls using JSON web tokens and local storage
- Utilized bcrypt hashing to secure user data with password encryption when storing or authorizing from database
- Responsive and intuitive user interface using Bootstrap framework to support desktop and mobile experiences

ParkSmart | ParkSmartUrban.com | [Readme](#)

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 with user geolocation as application's core UI
- 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

WeatherSpot | connorlee16.github.io/WeatherSpot | [Readme](#)

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 and CRUD methods
 - Utilized animated CSS to enhance user experience and immersion
 - Adhered to agile methodology and Git version control for group project management
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Education

University of Washington Coding Bootcamp | Full Stack Web Development - Immersive

University of Washington | B.S. Civil and Environmental Engineering

Technical Skills

Languages: Javascript, Java, SQL, HTML, CSS

Technologies: React, Node, Express, Git, Oauth/JWT, Mocha/Chai, Postgresql, MongoDB, Mongoose, Bootstrap