

Jon Forney

Fullstack Software Engineer

Intelligent, empathetic, and diligent software engineer who loves to solve technical problems with thoughtful, unique creativity.

Experience

EchoEcho Audio | Software Developer Intern
January 2020 - July 2020

- Utilize Amazon machine learning library to create a podcasting tool that transcribes content and allows text and audio file editing.
- Implement core app user-interface features connecting front-end requests with the back-end REST API, ensuring proper real-time communication of data.
- Programmed JavaScript front-end with React and Redux; maintained proper state management, implemented layout-design as specified in Figma by designer, and built reusable components to maintain a quality code base.
- Programmed Python back-end with Django and PostgreSQL database; parsed JSON data into a usable format for managing the state of user settings.

Projects

Twin Peaks, the REST API | <https://friendly-kilby-8a97fe.netlify.app/>
JavaScript, Node.js, Express, MongoDB w/Mongoose, HTML/CSS, Heroku

- REST API built to query trivia data from TV show Twin Peaks, including endpoints for searching character bios and quotes, returning aggregated data in JSON format.

GriNd-O-TRoN | <https://jolly-visvesvaraya-9df6c6.netlify.com/>
JavaScript, React, HTML/CSS, Netlify

- Browser-based game that pits players against a series of enemies (monsters). Smash the baddies, level up, fight more powerful foes. Utilize asynchronous management of a complex state object for development core.

ArtAround | <https://github.com/ArtAround-Social>
Node.js, Express, MongoDB w/mongoose, React, Redux, and CSS

- Developed social media platform that connects artists and art galleries to make art more accessible utilizing Node.js server and Mongo.DB database. Wrote Mongo aggregations to connect users and resources by chosen resource type.

Other Experience

Oregon Health & Science University
Biomedical Equipment Technician (BMET Level 1)
2017 - 2018

CityBikes Workers' Owned Cooperative
Co-owner, Bicycle Mechanic
2007 - 2015

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Technical Skills

Programming: JavaScript, HTML/CSS, Python

Libraries/Frameworks: Node.js, Express, React, Redux, Django

Databases: MongoDB, PostgreSQL, NoSQL, SQL, Mongoose, Knex, Firebase

Tools: Git, Github, Jest, Travis.CI, Heroku, Netlify

Coding Methodologies: Mob/Pair-programming, Test Driven Development

Volunteer Experience

DevOpsDays Portland
SeaGL - Seattle GNU Linux
Community Cycling Center

Education

Alchemy Code Lab
JavaScript Certificate

Portland, OR,
April 2019 - September 2019

Portland Community College
AAS Electrical Engineering

Kenyon College
BA, Sociology