

Seunghun Oh

408.340.8551 | seunghun.oh57@gmail.com

github.com/seunghunoh57
seunghunoh57.github.io/website
linkedin.com/in/seunghunoh

Education

Boston University, *Bachelor's in Computer Science*

Graduated May 2018

Experience

Wayfair, *Software Engineer*

May 2019 to Sept. 2019

- Developed React/PHP app that facilitates warehouse item search and update by searching databases via SQL queries and using MVC framework to relay and update changes made by the user.
- Refactored internal bulk editing tool, resulting in elimination of redundancies and improvement of code readability and testability.
- Lead design of new SQL database with superiors and implemented new feature on supplier-side tool utilizing React/PHP with Redux to conditionally save admin-made staging requests into database.
- Developed a React app with PHP MVC framework and Redux state management that communicated with RESTful API to retrieve and lazy-load user-catered products based upon their product preferences.

Raytheon, *Software Engineer*

Aug. 2018 to Mar. 2019

- Debugged faulty alerts by writing alert suppression protocols in C for military crafts flying within close proximity to each other and creating new UI elements to support those changes.
- Integrated qualification criteria such as runway eligibility and flight plan checks when reading flight data from databases, preventing flight arrival accidents and disasters.
- Prepared and performed code reviews, unit tests, and code demos for customers and superiors that result in feature integrations.
- Worked in a UNIX environment to resolve approximately twenty thousand build errors.

AlzCare Labs, *Software Engineer Intern*

May 2017 to Aug. 2017

- Developed a React Native app that displays Alzheimer's patients' status using RESTful architecture.
- Integrated AJAX into the app, significantly improving the app's AWS-to-client communication by several folds.
- Contributed to UI/template design and color palettes via Zeplin.

Projects

Solar Power Installation Calculator, *JavaScript, React, NPM*

2020

- Designed, developed, and published a React web app that uses Google Cloud Platform to calculate the amount of solar panel energy generated within user-selected polygon on an embedded Google Maps.

Typing Test, *JavaScript, React, NPM webpack*

2020

- Designed, developed, and published a React app written solely with hooks that retrieves random word data from Faker.js word generator API then dynamically calculates users' WPM and accuracy.

Senti-Tweet, *JavaScript, Angular 5, NodeJS*

2017

- Developed a MEAN stack web app that performs a sentiment analysis on a searched Twitter user's tweets. Integrated Twitter's REST API and indico.io API for tweet analysis and designed UI elements.

Skills:

Languages: Python, React, JavaScript, HTML/CSS, SQL, C#, PHP, Java

Frameworks/Methodologies: Agile & Scrum, Git, Test-Driven Design, Model-View-Controller, REST