Seunghun Oh

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Education

Boston University
Graduated May 2018
Bachelors in Computer Science

Coursework:

Machine Learning
Image Video Computing
Software Development
Adv. Cryptography
Network Security
Computer Systems

Skills

Languages:

Python	SQL
React	C#
JavaScript	PHP
HTML/CSS	Java

Frameworks/Methodologies:

Agile & Scrum
Git Version Control
Test-Driven Design
Model-View-Controller (MVC)
RESTful Architecture
Google Cloud Platform

Experience

Wayfair LLC | Boston, MA
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.
- Designed 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.

Raytheon | Marlborough, MA
Software Engineer (Aug. 2018 to Mar. 2019)

- Awarded Certificate of Recognition in appreciation for contributions resulting in the company's reception of the Air Traffic Controller Association's Annual Industry Award
- Prevented faulty alerts by writing alert suppression protocols in C for military crafts flying within close proximity to each other.
- Integrated qualification criteria such as runway eligibility and flight plan checks, preventing flight arrival accidents and disasters.
- Prepared and performed internal reviews and quality tests for customers and superiors that result in feature integrations.

AlzCare Labs | Menlo Park, CA
Software Engineer Intern (May 2017 to Aug. 2017)

- Developed a React Native app that displays Alzheimer's patients' status using RESTful architecture, thus helping the project initiate.
- Integrated Socket.IO into the app, which significantly improved the app's AWS-to-client communication by several folds.

Projects

SICK Systems Throughput Prediction and Logistics Learning | *Python*

- Identified features that may influence optimality of sensor systems by preprocessing data to select features using LDA, then using SVM for 99%+ accuracy between packages' legality of trade and features.

Splitr | *Obj. C*

- Developed a mobile app for Hack UCSC January 2015 that uses Tesseract OCR to parse items on a photo of a receipt and allows users to assign responsible items' total price to individuals via Venmo requests.