**SeHee Son**

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**Summary**

Highly motivated Front end engineer adept at developing and implementing new software platforms. Possessing analytical problem-solving skills, acute awareness of practical issues and new web technologies, ability to work in team enviroments, and strong communication skills.

**Skills & Tools**

**Programming Languages** : Python, JavaScript(ES6), HTML 5, CSS 3

**Frameworks & Libraries** : Flask, Django, React &Redux, Node.js, JQuery, Axios, Bootstrap

**SQL & NoSQL Database** : SQLite, PostgreSQL, MongoDB & Mongoose, Firebase, AWS, JSON

**Methodologies**: MVC pattern, CRUD pattern, REST API architecture, Object Oriented Programming concept(OOP), AJAX, 3rd Party API Intergrations, UI/UX design, Responsive design

**Management & deployment & Testing Tools**: Git, Github, CLI, Heroku, Figma, Mocha, Postman

**Related Work Experience**

**Greenbanc,** Berkeley May 2019 - Present

Full Stack Engineer - Remote

* Designed digital road map web application that allows homeowners to receive an estimate of savings if they were to move to a completely electric energy residence.
* Engineered a feature that allows homeowners to post multiple photos of their current energy facilities; My platform allowed Greenbanc employees to review photos and assess current energy use in home with existing infrastructure.

**MVCode Club,** San Mateo Sep 2019 – Feb 2020

Web Development Coding Instructor - Part time

* Teaching 3rd-10th graders students to Computer Science and basic of coding including JavaScript, HTML/CSS, C#, C++, Unity, Robotics, and Algoritm & Data Structure.
* Evaluating students’ codes and providing individualized consultation for debugging and troubleshooting.

**Projects**

**Flight Tracker** (Concept Project [ [Git](https://git.generalassemb.ly/seheesf88/project3-flight-react/blob/master/README.md) ] [ [Application](https://flight-react.herokuapp.com/) ]) April 2019

* Executed the implementation of React application and Node.Js/Express server to connect to 3rd party Airline Flights API to send and receive HTTP requests.
* Designed model schemas for User Profiles, Posts, Flight & Airline Info in MongoDB maintained using Mongoose ODM with intentions of storing data as JavaScript objects.

**Education**

**General Assembly**

*Software Engineering Immersive (Certification)*  Mar 2019

*Relational Database (SQL) Bootcamp* Feb 2020

**San Francisco State University *– Cum Laude*** 2014

Bachelor of Art in Japanese Language and Literature (BA)

**Activities**

**2019 SunCode Hackathon** (3rd place) May 2019 Conduct extensive research on new solutions for the clean energy industry and build working prototype in less than 10hours.