

# SEUNGJIN LEE

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Full stack web developer leveraging chemical engineering background. Earned a certificate in full stack development from a coding boot camp in the UC Riverside Extension. Passionate about developing apps, with high quality, efficiency, and responsibility to end users. Strengths in meeting deadlines, learning fast, and teamworks. Excited to work as a team, and learn new skills to build applications for the market in the real world.

## TECHNICAL SKILLS

**Softwares/Platforms:** JavaScript ES6+, CSS3, HTML5, SQL, NoSQL, GitHub, MongoDB, MySQL, Express, React, Node, Handlebars, jQuery, Bootstrap, Tailwind, Progressive Web Application (PWAs), Model-View-Controller (MVC), Object-Relational Mapping (ORM), Object-Oriented Programming (OOP), Jest, Webpack, JSON Web Token (JWT), Heroku, REST APIs, Apollo GraphQL, Python, Flask, SQLAlchemy, Jinja2, PyMySQL, Unicorn

**Software Languages:** JavaScript, Python

## PROJECTS

**Python-newsfeed | GitHub:** [github.com/infinissible/python-newsfeed](https://github.com/infinissible/python-newsfeed)

**| Deployed project:** [python-news-fd.herokuapp.com/](https://python-news-fd.herokuapp.com/)

**Aug 2022**

- A website where users can post, upvote, and comment on links to news articles through a server built with the CRUD APIs
- Role: Single-project for building a API responsive website by using Python
- Tools: Python, Flask, SQLAlchemy, Jinja2, PyMySQL, Unicorn, bcrypt, dotenv, Heroku

**Freelancing-Gig-App | GitHub:** [github.com/Callank21/Freelancing-Gig-App](https://github.com/Callank21/Freelancing-Gig-App)

**| Deployed project:** [gig-freelanr.herokuapp.com/](https://gig-freelanr.herokuapp.com/)

**July 2022**

- A MERN stack single-page application, which is a platform that provides employers with information about freelancers to hire
- Role: Building front end through React and back end for CRUD functions
- Tools: MongoDB, Mongoose, Express.js, React.js, Node.js, GraphQL, Heroku

**Self-Management-App | GitHub:** [github.com/Callank21/Self-Management-App](https://github.com/Callank21/Self-Management-App)

**| Deployed project:** [self-management-app.herokuapp.com/](https://self-management-app.herokuapp.com/)

**June 2022**

- A full stack application that manages time efficiently by creating projects and associated tasks
- Role: Front end design and back end API routes for CRUD functions
- Tools: Nod.js, Express.js, Handlebars, MySQL, Sequelize, TailwindCSS, Bcrypt, Dotenv, Heroku

**GamePlatforms | GitHub:** [github.com/uHmammoth/GamePlatforms](https://github.com/uHmammoth/GamePlatforms)

**| Deployed project:** [uhmammoth.github.io/GamePlatforms/](https://uhmammoth.github.io/GamePlatforms/)

**Apr 2022**

- Game platform web application that can search a game title and the results provide platform, description, and images through APIs
- Role: Front end design and media query for smaller devices
- Tools: HTML, CSS, JavaScript, Tailwind, JQuery

## **EXPERIENCE**

### **Postdoctoral researcher**

2021-2022

#### **Winston Chung Global Energy Center at the UC Riverside**

**Riverside, CA**

Developed a novel concept of solar battery that generates electricity and stores energy in a single unit

Key Accomplishments:

- Co-developed an efficient and low cost battery that combines concepts of solar cells and lithium ion batteries
- Co-founded a start-up company and received a funding for a proof-of-concept of the products

## **EDUCATION**

### **Certificate, Full Stack Web Development - UC Riverside Extension**

**Riverside, CA**

#### **Anticipated graduation: July 27, 2022**

A 24 weeks intensive coding boot camp for a full stack web development focused on gaining skills in HTML, CSS, JavaScript, MySQL, MongoDB, Express.js, React.js, and Node.js. During the course of the program, about 37 projects were completed by a variety of technologies including MySQL, MongoDB, React and JavaScript.

### **PhD degree, Chemical Engineering - UC Riverside**

**Riverside, CA**

2015-2020