Jae Hui Seo

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Profile

Strong interest in software development. BSc graduate from Western University. Two years of Charity Director and VP External for a social-cultural club at Western University. One year of customer service experience at Basil Box. Bilingual, fluent in both English and Korean. Attended Hack the North 2019.

Technical Skills

Languages: Java • TypeScript/JavaScript • C • Python • HTML • CSS • Go • Eiffel

Full-Stack: React • MongoDB • PostgreSQL • NodeJS • Django • Sass • npm • SocketIO • TailwindCSS

Utility: Git • Unix • AWS • Heroku • Webpack • Gulp • VSCode • Slack

Education

York University, Lassonde School of Engineering
BSc in Computer Science, Year 3. GPA: A
Coursework: OOP, Software Design, Operating Systems, Data Structures
Expected
Grad. April 2023

University of Toronto St. George
BSc in Computer Science, Year 1. Coursework: Python programming
Sept 2018 – April 2019

Western University
Double Major BSc in Biology and Medical Sciences
Graduated June 2017

Work Experience

Smart Systems Intern - *Applications Integration Team*, *Cortelluci Vaughan Hospital*   Vaughan
- Helped with RTLS integration of patient beds and badges of healthcare workers   Jan 2021 - Present
- Provided technical support for *Vocera* mobile app on nurses' smartphones
- Performed diagnostics and validation on patient iPad devices for proper data display and transfer

Project Experience

DsBnB – *Django, Gulp, SCSS, TailwindCSS, PostgreSQL, AWS EB*   Toronto
- Ongoing clone-coding Airbnb project   May 2021 – Present
- Incorporated the Django MTV model, proper routing, user and room editing, photo uploading, oAuth (local, GitHub, and Kakao authentication), RESTful APIs
- Styled the front-end with Gulp, Sass, and TailwindCSS

Guess-Mine – *NodeJS, ExpressJS, Gulp, PugJS, SCSS, Heroku*   Toronto, June 2020
- A simple online multiplayer game, where one user draws a word and others try to guess the word for points.
- Incorporated socketIO for online connection, gulp for building assets of the client side, and Heroku for deploying the app

WeTube – *NodeJS, ExpressJS, MongoDB, PugJS, SCSS, Heroku*   Toronto, May 2020
- Clone-coding YouTube project
- Incorporated the MVC model, proper routing, video uploading, oAuth (local, as well as Facebook and GitHub authentication), and RESTful APIs
- Used AWS S3 for cloud storage of media files, and deployed app through Heroku

Co-Curricular Activities

Attendee of Entrepreneurship and Intense Programming Camp   Daejeon, South Korea
Korea Advanced Institute of Science and Technology (KAIST)   June – July 2019
- Developed a prototype mobile app aimed to help KAIST students bookmark any `favourite` post from one of their school forums. Includes shortcuts to various websites used among KAIST students, such as course planner, academic calendar, etc
- Developed and designed the backend REST API using *expressJS* and *sequelize*. Utilized JWT for log-in authentication and *AWS* for running necessary server