

Jimin Song

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EDUCATION

San José State University | Charles W. Davidson College of Engineering, San José, CA

Bachelor of Science, Software Engineering

May. 2023

GPA: 3.5 / 4.00

Related Courses: Data Structure & Algorithms, Object-Oriented Design, Machine Learning w/Big Data, Software Quality Testing, Computer Network, Computer Architecture, Assembly Language, Operating System, Information Security

RELATED SKILLS

Languages: TypeScript, JavaScript, Python, C++

Frameworks/Tools: SASS, HTML, Babel, Webpack, HTTP, REST, AJAX, JSON, NPM, Jest, Mocha, Figma, React.JS, Redux, GraphQL, Node.JS, AWS, Docker, Kubernetes, Linux (Debian, Ubuntu), CI/CD tools (Github, Jenkins)

WORK EXPERIENCE

MSU BEACON Center for the Study of Evolution, Remote

Software Developer at WAVES, Avida-ED4

July. 2022 – Current

- Used frontend language and tools (ex: SASS, JavaScript) to improve Avida-ED, an interactive digital evolution tool.
- Enabled laboratory activities that teach evolution through experiments with self-replicating computer programs.
- Created a Docker container version of Avida-ED with an embedded browser to allow the program to continue to run when there is no support for changes needed as browsers and operating systems change.
- Created Avida-ED version of anti-bit-rot executables for major OS platforms (Windows, Mac, Linux)

San José State University, San José, CA

Assistant System Administrator, Computer Engineering Department

Aug. 2021 – July. 2022

- Administered UNIX and Windows systems to ensure security for use in campus
- Utilized UNIX shell scripts and Windows batch scripts to efficiently carry administrative tasks
- Good knowledge in networking (SSH, VNC), scripting (UNIX shell, Python)

STEM-AWAY, Santa Clara, CA

Full Stack Developer Intern, Discourse Platform

Jun. 2021 – Aug. 2021

- Configured and built a theme and plugin for an open-source community forum software, Discourse.
 - Utilized Object Oriented Programming in JavaScript and DOM structure to implement various functionalities.
 - Designed and wrote application using Ruby on Rails with related technologies, SASS, AJAX, HTTP.
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PROJECTS

Blockchain CMS Application, React, TypeScript

Content Management System

Aug. 2022 - Sep. 2022

- ****Award Receiver of 1, 2, Web3 Moralis Hackathon 2022****
- Built an application called DecentraCMS, that enabled storing and managing data on the blockchain.
- Could be used to develop NFT game that meets ERC-721 Standard
- Implemented Chakra UI, Redux, Babel, Webpack, Node.JS, Filecoin
- Focused on the UI, State Management, and SQL database via TableLand.

Tutor Connecting Application, React Native, TypeScript

Django Framework for Backend Linking

Jan. 2021 - Present

- Managed to recruit and led 5+ software engineers to develop the mobile application called Kocoon.
- Implemented ES6 arrow functions, constants, block-scope variables, and class inheritance.
- Designed and developed SQL database structure with Django, setting up REST API framework.
- Setup and built AWS infrastructure various resources, EC2, S3 Bucket, IAM, Security Group, Auto Scaling, and RDS.

Click here!! Github Profile for many more projects,

- Ask me about any projects I have worked on. I will be happy to discuss every details.
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HONORS & CERTIFICATIONS

Honors:

Commendation Medal (ARCOM), from 8th Army®, for meritorious service as NCO (Sergeant)

Dean's Scholar, from San Jose State University®

Certifications:

AlgoExpert Certificate, from AlgoExpert®, for completing 100 Algorithm questions

FrontEndExpert Certificate, from AlgoExpert®, for completing 25 Frontend questions

AWS Certified Cloud Practitioner, from Amazon® Web Services (AWS)