

WAN HIN CHOI

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Working Experience

KIT

Software Developer Intern

GuangZhou, China

Jul 2018 – Nov 2018

- Utilized Ionic, HTML, CSS3, and TypeScript for Android and IOS platform for China Southern Power Grid's Vehicle Management System development
- Utilized native-ionic plugin (API) to set the orientation of screen runtime for both Android and IOS platform for the Vehicle Management System
- Successful connected the backend service layer by using RESTful API using JAVA Spring

Locbit

Software Developer

San Diego, CA

July 2019 – Dec 2019

- Fixed bugs within the web service by reviewing the number of Restful API call initialized by user(Postman)
- Implemented design to JIRA project board by utilizing Java Script dom to initialize animation
- Used JIRA as a project tracking tool and test case management tools.
- Collaborated with the web designer to design, build, test and improve web app. Used PHP/MySQL to add functionality to the platform.
- Used frameworks for front end development such as Angular and PHP, programming languages such as HTML and JavaScript

J. Craig Venter Institute

Software Engineer

San Diego, CA

Nov 2021 – Dec 2023

- Maintained web pages and databases in accordance with the development team's guidance.
- Teamed up with a web designer to create webpages and harnessed React to craft responsive, scalable user interfaces.
- Assisted the development team in website creation, encompassing testing, deployment, and ongoing updates.
- Pioneered dynamic web solutions aligned with company standards and industry best practices.
- Engineered a Python pipeline for data retrieval and uploading data to AWS OpenSearch, thereby enhancing search performance through AWS OpenSearch search APIs.

EDUCATION

UNIVERSITY OF CALIFORNIA, SAN DIEGO

Bachelor of Science in Math/Computer Science

La Jolla, CA

Sep 2014 - Jun 2019

Personal Projects

Android Application: MyFridge

An android application that helps the user to keep track of users' food items and remind users of food expiration dates with custom expiration dates or FDA recommendations.

Technology Used: Java, SQL, Git, Android Studio

Web Application: MedKit

A web application that teaches users in understanding drug information and prescriptions and shortens users' pick-up time. Patients will have a personalized experience of the process of taking medicines like pill refill reminder.

Technology Used: HTML, CSS, JavaScript, Firebase, JQuery, Git

Skill

Programing Languages: Java, Python, JavaScript, TypeScript, MySQL,HTML, CSS

Framework: Angular, Ionic, React, JQuery, PHP, Pandas, Node.js, Express.js,

Others: AWS Cloud Practitioner Certification, Git, Scrum, Eclipse
