Weili Yin

Software developer

Creative and solution-oriented software developer with a wide variety of experiences in the edge technology. Adept at motivating self and others. Passionate about front-end design and DevOps.

xlyin@ucdavis.edu ✉

5303049960 📱

www.charlesywl.com 🌐

linkedin.com/in/charlesywl in

github.com/CharlesYWL ⭘

CAREER OBJECTIVE

Seeking a front-end developer or DevOps position in California, but also willing to relocate elsewhere in the US, where exceptional knowledge and skills will be effectively put in agile software development process.

KEY SKILLS

Java Pyhton C++ C# JavaScript

React/Redux SQL&NoSQL AWS Lambda

AWS Fargate Firebase Android Studio

EDUCATION

Computer Science

University of California, Davis ⬈

09/2015 – 12/2019

Courses

- Algorithem
- Android
- Database
- Computer architecture

WORK EXPERIENCE

IT Operation

Hikvision

06/2018 – 09/2018   *Hangzhou, China*

High Quality of CCTV product tech company

Achievements/Tasks

- Assist Manager in maintaining the whole company's virtual machine servers.
- Support IT problems for company-wide laptops/desktop, including software/hardware problems shooting and phone Q&A.

Data Specialist

CAAA, UC Davis

06/2017 – 06/2018   *Davis, CA*

Achievements/Tasks

- Supported manager on managing database.
- Analyzed data to target advertising.

PROJECTS EXPERIENCES

LogSecure/AccessSecure ⬈

- Made this service to provide developers an APIs to log all HTTP requests and we analyze those logs to detect the potential dangerous attacks.
- Built the authentication system and database in serverless structure using Firebase.
- Utilized AWS' lambda to deal with RESTful API call with easy load-balancing.
- Constructed the user dashboard, or the web front-end via popular React/Redux in a few weeks.
- Cooperate with backend teammates who mainly developed the wrapper of our package.
- Designed a practical algorithm to analyze thousands of backend logs to detect suspicious internet requests.

Half Mile (Travel Web Application) ⬈

- Integrated every detail in planning travel into our app, including the plan of transportation, reservation of flights, hotels, and tickets on Expedia.
- Developed the front-end in one month using fancy React and Redux.
- Integrated Expedia and National Parks' RESTful APIs into our search system.
- Innovatively used Google's Machine Learning to analyze users' history to make the preferred recommendation.
- Applied container(Docker) technology to deploy our server-end and made load-balancing

Instagram-like Android Application

- Led and managed a team of four in developing an Instagram-like Android Application.
- Adopted serverless architectures by using Google's Firebase for authentication, database, and function.
- Used popular DevOps tools like Gradle and Git to manage cooperation and version control.

Hackathon, Davis (01/2020)

- Achieved detecting location only by street photos using Google's Machine Learning.
- Build website UI by React in one day.

PASSION IN MY FREE TIME

- ◎ Front-end using React/ React-native
- 📷 Filming and Photograph
- ⟨⟩ Android Software Development
- 🛠 Hardware problemshooting