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.

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CAREER OBJECTIVE

Seeking a front-end developer or DevOps position, 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