**Weili Yin**

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**Career Objective**

Seeking a software developer or DevOps position where exceptional knowledge and skills will be effectively put in the Agile software development process. I can start working as soon as possible

**Education**

**University of California, Davis Davis, CA**

B.A Computer Science Sep. 2015 – Dec. 2019

* Cumulative GPA: 3.5/4.0
* Relevant Coursework: Algorithms, Computer Architecture, Data Structures, OOP, Functional programing language. Database, Android Development

**Work Experience**

**Hikvision, Inc Zhejiang, China**

IT Operation Intern | DevOps Team May. 2018 – Sep. 2018

* Assist Manager in maintaining the whole company’s virtual machines servers
* Support IT problems for company-wide laptops/desktops, including software/hardware problems shooting and phone Q&A

**Project Experience**

**LogSecure:** [**https://logsecure.io**](https://logsecure.io) **GitHub: https://github.com/TrentaIcedCoffee/access-secure**

A service to provide developers an APIs to log HPPT requests and analyze those logs to detect potential attacks Sep. 2019 – Dec. 2019

* Built the authentication system and database in serverless structure using **Firebase**
* Utilized **AWS Lambda** to deal with **RESTful API** call with load-balancing
* Constructed the user dashboard via popular **React/Redux** in a few weeks.
* Cooperate with backend teammate who mainly developed the wrapper of our package
* Designed an algorithm to analyze thousands of backend logs to detect suspicious internet requests

**Half-Mile(Demo):** [**https://halfmile.io**](https://halfmile.io) **GitHub: https://github.com/bingxuanying/HalfMile**

A web app helps people plan their trips and book hotel and flights altogether. Dec. 2019 – Jan. 2020

* Integrated every detail in planning travel into our app, including the plan of transportation, reservation of flights, hotels, and tickets on Expedia.
* Developed the frontend in one month using **React and Redux**
* Integrated Expedia and National Parks’ **RESTfual APIs** into our search system

**Instagram-like Android Application GitHub: https://github.com/CharlesYWL/Instragram-Like**

An Android app that does a similar function of Instagram. Jan. 2019 – Mar. 2019

* Led and managed a team of four in developing an Instagram-like Android Application in the **Agile** process
* Adopted serverless architecture using **Google’s Firebase** for authentication, database, and function
* Used popular DevOps tools like **Gradle** and **Git** to manage cooperation and version control
* Wrote cloud function using **TypeScript** to manage notification and change on the database.

**Hackathon, Davis** Jan. 2020

* Achieved detecting location only by street photos using Google’s Machine Learning.
* Built website UI by React in one day

**VegiExchange, WeChat miniprogram**

A WeChat miniprogram that allows Animal Crossing’s players to exchange items May.2020 - President

* It’s a website-like application, built by **Javascript, CSS, HTML**
* Used Tencent Cloud(similar to Googles’ Firebase) for authentication, database(**NoSQL**), storage, and cloud function.
* Now it has over 200 active weekly users and around 50 active daily users. Over hundreds of exchanges has been down via our platform.
* Available in WeChat miniprogram market

**Skills & Interestes**

* **Language/technologies:** Proficient in Python, Java; familiar with Javascript, NoSQL, Numpy, pandas, HTML, CSS; Previously used C++, C#, Clisp, TypeScript; Experience with Git, AWS Lambda, Google Firebase, React/React-native, Android Studio, Unity
* **Interest:** Filming, Photographing, Video Editing, VFX