**Weili Yin**

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**OBJECTIVE**

Full-time SDE position

**INTERNSHIP EXPERIENCE**

**HIKVISION Inc**, Zhejiang, China May 2018 – Sep 2018

***IT Operations Intern,*** DevOps Team

* Monitored hundreds virtual machine servers through VMware within the company internal network
* Managed IT tickets in the company internal platform
* Provided on-time support to resolve network/hardware issues
* Introduced PEX Network Boot to speed up OS installation for new clients and staffs by 10 times
* Led the coordination with the DevOps team and downstream teams to understand pain points

**PROJECT EXPERIENCE**

**Instagram-like Web Application** July 2020 – Aug 2020

*A solo project which achieved signup, login, make post, subscribe and other main functions in Instagram*

* Applied master/detail module to implement the CRUD functionalities
* Understood class based view structure
* Implemented Django forms for CRUD
* Designed and developed the MySQL tables to achieve user authentication
* Deployed the web application on AWS LightSail

**Half-Mile (Demo)** Dec 2019 - Jan 2020

*A web application helps users to plan every detail in travel including transportation, flights, hotels and tickets*

* Designed the user-friendly interaction of the website by React/Redux
* Applied Firebase to fetch data from Expedia open source API
* Implemented key functionalities of the web site
* Communicated with team members to identify and solve the technical problems

**LogSecure** Sep 2019 - Dec 2019

*A web project which is a middleware we provide to developers to log and analyze all HTTP requests*

* Implemented the authentication system and database in serverless infrastructure using Google Firebase.
* Managed RESTful API call with load-balancing by leveraging AWS Lambda
* Designed the user dashboard through popular React/Redux
* Coordinated with backend teammates to deliver a final package to client
* Designed an algorithm to automatically detect suspicious internet request in the backend logs

**Instagram-like Android Application** Jan 2019 - Mar 2019

*An android project which achieved signup, login, make post, subscribe and other main functions in Instagram*

* Implemented the core functionalities in Android Studio
* Adopted a serverless architecture using Google Firebase
* Utilized Gradle and Git to manage the version control and streamline development process
* Let with whole team to quickly tackle technical issues

**EDUCATION**

**University of California, Davis**, Davis, CA Sep 2015 – Dec 2019

***Bachelor of Science in Computer Science***

**RESOURCE**

**Git:** <HTTPS://github.com/CharlesYWL>

**LinkedIn:** <HTTPS://LinkedIn.com/in/Charlesywl>

**Portfolio:** HTTPS://Charlesywl.com