**Weili Yin**

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**Software Developer Profile**

*A dedicated and highly-motivated individual with solid educational background leading and developing software application project from inception to completion.*

**Education**

University of California, Davis

**Bachelor of Science in Computer Science, Dec. 2019**

***Courses: Algorithm, Computer Architecture, Database, Android Development, Game Design, OOD, functional programming language.***

**Work Experience**

Hikvision, Inc, Zhejiang, China

***Manufacturer and supplier of video surveillance equipment for civilian and military purpose. Ranked 800th in 2019 Forbes Global 2000***

**IT Operations Intern | DevOps Team** (5/2018 – 9/2018)

* Maintained hundreds company’s virtual machines servers.
* Identified and resolved IT issues for company-wide laptops/desktop.

Key Achievement:

* Introduced PXE Network Boot to speed up OS installation for new clients and staffs by 10 times.

**Key Projects**

[**Insta-like Web application**](https://github.com/CharlesYWL/DjangoExp)(7/2020)

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

* Solo project which adopting Django and html framework. Using Django, MySQL to achieve authentication.
* Quick development and deployment on AWS LightSail in 3 days.

[**Half-Mile (Demo)**](https://halfmile.io)(12/2019 – 1/2020)

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

* Designed the user-friendly front-end of the website using React/Redux.
* Integrated backend APIs (including Expedia’s) into front-end to fetch data from database, whilst communicating with back-end teammates and discussed how to implement key function

[**Instagram-like Android Application**](https://github.com/CharlesYWL/Instragram-Like)(1/2019 – 3/2019)

***An android project which achieved signup, login, make post, subscribe and other main functions in Instagram by a four-man team***

* Led a team of four to develop an Instagram-like android application on Android Studio, adopting a serverless architecture using Google’s Firebase.
* Utilized DevOps tools, such as Gradle and Git to manage the version control and streamline development process.

[**LogSecure**](https://github.com/TrentaIcedCoffee/access-secure)(9/2019 – 12/2019)

***A web project which is a middleware we provide to developers to log and analyze all HTTP request and check them on our frontend.***

* 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 in two weeks.
* Effectively coordinated with backend teammates to deliver a final package to client
* Designed an algorithm to automatically detect suspicious internet request in the backend logs