**Weili Yin**

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**OBJECTIVE**

Full-time SDE position

**EDUCATION**

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

***Bachelor of Science in Computer Science, GPA 3.2/4***

**SKILLS & COURSES**

Algorithm, Databases (SQL & NoSQL), Java, Android Application Development, JavaScript, HTML/CSS, Python, Computer Architecture, Object-oriented Design, OS Design, C#, Game Design, Agile Development Process, MVC frame, AWS.

**INTERNSHIP EXPERIENCE**

**Cmind-Ai**, **MA**, **U.S.**  Oct 2020 – Present

***Frontend Developer***

* Deployed distributed ElasticSearch to multiple AWS EC2 instances for load balancing and high efficiency
* Built front end and visualized chart in React using chartJs
* Cooperated with NLP teammates to visualized LDA topic results
* Recommending solutions for a streamlined, user-friendly interface with develop team.

**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 in Django framework,
* Implement and understood the Django MVC frame.
* 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.
* Adopted serverless structure, Firebase, and achieved authentication and data storage.
* Fetched data from Expedia API using Ajax in JavaScript.
* Communicated with team members to identify and solve 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 detect suspicious internet request in the backend logs automatically.

**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 of Instagram in Android Studio.
* Adopted a serverless architecture using Google Firebase.
* Achieved synchronized push-notifications between devices in TypeScript function.
* Utilized Gradle and Git to manage the version control and streamline in Agile development process.
* Led the whole team to quickly tackle technical issues.