**Weili “Charles” Yin**

**CONTACT**

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**EXPERIENCE**

**Authright Inc**  Jan 2020 - present

***CueThink full-stack developer***

* Implement 24/7 Microservices & Backend APIs using Spring Boot.
* Lead team to develop LTI1.3 Tool for Study platform(Origo Eudcation) using Spring Boot.
* Tackle most challenging issues and respond fast to JIRA tickets.

***Cmind-Ai, MA, U.S., full-stack developer***

* Setup distributed ElasticSearch to multiple AWS EC2 instances for high-efficiency search on GBs data
* Developing cron job in Python that cooprate with Logstash and ElasticSearch to consume thousands news on Fox News everyday.
* Reconstructed new frontend framework with React/Redux and boosted efficiency over 100%
* Migrate old class-based React/MobX to new function-based React/Redux, improve code reliability, maintainability and readability.
* Integrated Twilio/Mailjet to send notificiation to clients via SMS/Whatsapp/Mail via NodeJS

***Homesite Insurance frontend developer***

* Redesign React page for A/B Testing and cooreaption with Optimizely teammates
* Utilize JIRA to develop frontend in Agile software development process
* Covering unit tests for new developed pages over 90% coverage.

**PROJECT EXPERIENCE**

**LogSecure https://www.logsecure.io** 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.
* Cooperate with backend teammate to published 4 frameworks (Django, Express, Flask and Koa) package on PyPI and npm

**Instagram-like Android Application** Jan 2019 - Dec 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.

**EDUCATION**

***Bachelor of Science in Computer Science,*  University of California, Davis**, CA

**SKILLS**

* **Languages:**
  + **Proficient:** JavaScript, TypeScript, HTML/CSS, Python, SQL
  + **Familiar:** C/C++, Java, R

* **Techniques**:
  + **Proficient:** AWS, React/Redux, Git, REST API, NodeJs, Linux, MongoDB, JIRA, ElasticSearch
  + **Familiar:** Spring, Nginx, Angular, Vue, Jenkins, Optimizely