Xinran Li

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OBJECTIVE

Actively seeking a full-time/intern Software Engineering position

EDUCATION

Rutgers University   Sept. 2019 – Dec. 2020
Master of Science in Information Technology   New Brunswick & Newark, New Jersey
University of Washington   Sept. 2014 – Jun. 2019
Bachelor of Science in Geo-Physics   Seattle, Washington
Relevant Coursework: Algorithm & Data Structures · Software Development with C++ · Neural Network & Deep Learning · Web Development with JavaScript · Software Engineering of Web Applications · Data Management · Data Mining · Information System · Linear Regression · Probability · Financial Time Series with R · Calculus

PROFESSIONAL SKILLS

Framework: Spring Boot, AWS, Bootstrap, Django, Hibernate
Coding Language: Java, R, Python, MATLAB, C++, SQL, HTML/CSS, Latex, JavaScript
Database & others: Thymeleaf, MySQL, MongoDB, jQuery, Android Studio, Heroku, Google Analytics, Docker

WORK

GF Securities Co., Ltd.   July. 2019 – Aug. 2019
Software Engineering Summer Intern   Guangzhou, China
- Constructed a mutual fund trader information management system using **Java**, **Spring Boot** and deployed using **Docker**. Replaced the old system and reduced the average record querying time by 5 ms
- Implemented features including user profile / trading record management, authenticating, tagging, searching and user feedback
- Built the client frontend with 8 interfaces using **Thymeleaf**, **Bootstrap**, **jQuery,** and **CSS**
- Developed the backend using **Hibernate, ElasticSearch** and **JPA** with **Spring Boot,** and associated with a **MySQL** database
- Secured backend endpoints using **ROLE based security** with **Spring Security**

PROJECTS

Airport Pickup App "iPickup"   March. 2019 – June. 2019
- Built an **Android App** for Chinese college students airport pickup services on **Android Studio** and released in the college network
- Implemented features including passengers' arrival time registration, riders & drivers matching and user profile management. Stored the data in **AWS RDS MySQL**
- Implemented rider activities, e.g. request and cancel a ride and provided rider's geographical location using **Google Map API**
- Built a responsive rider interface which reflects when drivers accept the ride and report the estimated pickup time
- Created **JUnit** test suites for the app

Web Portfolio www.xinranli37.com   July. 2020 – Aug. 2020
- Developed my portfolio website with **HTML/CSS/JavaScript** and deployed it on **AWS S3** with custom domain registered with **Route 53**
- Added visitor statistics via **Google Analytics**

Social Media Website "Mini-Instagram"   Mar. 2020 – June. 2020
- **Leader** of a 4 ppl team to develop an Instagram Clone website as a group project. Tutored the group members on basic **Python** coding.
- Developed the timeline backend using the **Django** Models-Views-Templates structure. Deployed the project on **Heroku**
- Developed an interactive webpage (**HTML/JavaScript**) for users to sign up, log in, post blogs, delete blogs, follow and unfollow, likes as well as comments and styled the websites by applying **Bootstrap**

Melanoma-detection with Deep Learning, Rutgers University   Jan. 2020 – Mar.2020
- Classified Melanoma types from skin lesion images using **Neural Networks** and **Kaggle API**
- Models built with the use of **Convolutional Neural Network** and evaluated by a pre-trained model with a custom activation layer added on