

Linfeng Li

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Summary

A self-motivated CS graduate student actively looking for summer 2021 internships. I have a wide range of project experience including **web application** and **mobile application** development. With strong skills in **Java**, **HTML/CSS**, **JavaScript**, a solid grasp of frameworks including **Java Spring**, **React**, and familiar with cloud platforms like **Google Cloud Engine** and **AWS**.

Education

University of Illinois at Chicago

Master of Science in Computer Science

Chicago, IL

Expected June 2022

University of Washington

Bachelor of Science in Electrical Engineering

Bothell, WA

Graduated Summer 2019

Skills

Programming Languages: Java, JavaScript, HTML, CSS, SQL, MATLAB

Technologies/Frameworks: React, node.js, Nginx, Android, Spring, Hibernate, Firestore, MySQL, Docker, EC2, JDBC, Git, Linux

Cloud Platforms: Google Cloud Engine, AWS

Projects

AlphaGo [link](#)

March 2020 – April 2020

React, node.js and Mapbox GL based interactive travel planning website

- Implemented **beautiful-dnd** and **ant design** to promote smooth user interaction and fast deployment
- Utilized **Cloud Firestore** NoSQL database and user authentication to store/retrieve/update trip history and user login
- Pioneered geo-location utilization to recommend meaningful point of interests
- Integrated **Mapbox GL** to showcase scenic information on the interactive map
- Incorporated **Tripso APIs** to provide detailed scenic information
- Performed as a front-end tech lead managing three other engineers within a team of nine people

GoShop

February 2020 – March 2020

A Spring and Hibernate based online shopping website

- Built a web application using **Spring MVC** to support item listing, searching, and ordering (dependency injection, inversion of control, **RESTful API**)
- Implemented security workflow via in-memory and **JDBC authentication** provided by **Spring Security**
- Simplified and streamlined database operations with **Hibernate**
- Developed a fulfillment system using **AWS Lambda** and **AWS Step Functions**

Job+

January 2020 – February 2020

Java AWS based Web Service Development – Personalized Recommendation Engine for jobs

- Designed and implemented an interactive web page for users to search available job positions and apply online (**HTML/CSS/JavaScript**)
- Built three Java servlets with **RESTful APIs** to handle HTTP requests and responses
- Implemented **MySQL** database on **Amazon RDS** to store job position data gathered using **Github APIs**
- Used **content-based recommendation** algorithm and evaluated their performance (precision vs recall vs cost)

VizAssist [link](#)

October 2019 - December 2019

An Android app designed to help people with visual impairments to gain an understanding of the world

- Used **Java**, **XML** and **Google Cloud Engine** (GCE)
- Utilized **Google Cloud Vision** to decode input images and deployed on GCE with Docker
- Enabled **multithreading** on Android and multithreading HTTP requests using **Kubernetes Engine**
- Supported native **Android Talkback** capabilities to promote usability for the disabled community
- Completed Integration tests, **Robolectric** tests, and **Postman** verification