# Liang Xu

Email：lxuw20@gmail.com | Portfolio: https://liangxuw.com
Address: 100 Christopher Columbus DR, Jersey City, NJ 07302 | Tel: 206-2358988

## EDUCATION

**University of Washington**  Seattle, USA

Materials and Science Engineering(M.S.)  June 2020

- Core Courses: Data structure and algorithms, Database system, Computer system, Software Engineering for Molecular Data Scientists, Data Science Methods for Clean Energy Research
- GPA: 3.63/4.0

**Dalian University**  Dalian, China

Macromolecular Materials and Engineering(B.E.)  July 2018

- GPA: 3.50/4.0
- Scholarships: Awarded School Third-Class Scholarship, Excellent Student Leader, Science & Technology Scholarship.

## SKILLS

**Languages:** Java, Python, SQL, HTML5, CSS, JavaScript, Bash

**Platforms:** Unix, Linux, AWS, Azure, Git/GitHub

**Technologies:** React.js, Node.js, Django, Spring Boot, Redux, Bootstrap, jQuery, REST API, PostgreSQL, Jenkins

## EXPERIENCE

**HireBeat Inc, Full Stack Engineer**  August 2020 - Present

- Coordinated with UX designers on frontend development, implemented responsive company web pages with React and Bootstrap frameworks. Developed REST APIs using Python and Django, interacted frontend and backend with Redux.
- Developed new features of finding a job portal and top companies information page, attracted new visitors and improved the new user increasing rate to 100 people per week.
- Incorporated with AI team and implemented resume optimization web service, helped customers refine 2000+ resumes.
- Developed an online video/audio interview practice platform, acquired 5000+ recorded videos/audios and 2000+ users.

## PROJECTS

**North Youth Mini App, Software Engineer**  June 2020 - August 2020

- Coordinated with frontend developers on REST APIs design and requirements, developed new features of user registration, login, logout, posting and comment with Java.
- Initiated the project with Spring boot framework, implemented Dao, Entity and Mapper files of the tables created in MySQL database with MyBatis Generator, lessened the initial nuisance of setting up objects and configuration files of this application.
- Configured Github Webhooks and Jenkins, implemented the enterprise application integration of this App.
- Utilized BCrypt to implement the encryption of users password, improved the security of users privacy.
- Implemented authority management with Role-Based Access Control method, developed Administration interceptors, enforced the normal operation and administration of this application.

**Weather Forecast Web Application, Full Stack Engineer**  January 2020 - February 2020

- Implemented user interfaces with HTML5, CSS, JavaScript languages, React and Bootstrap frameworks.
- Developed new features of searching any city current weather information with city name or postal code using Python language. Stored the city names collected from input bar on PostgreSQL database.
- Website: https://xuliang-weather-app.herokuapp.com

**Flight Booking Application, Software Engineer**  September 2019 - December 2019

- Implemented user interfaces of this application using HTML5, CSS and React Framework.
- Developed new features of user registration, login, logout, searching specified flights(direct or indirect), booking and canceling flights with Java and SQL languages.
- Evaluated and drew entity relationship(ER) diagram between users and flight companies. Determined tables schema and injected flight data into the airline information table with SQL Server database.
- Github: https://github.com/xuliang2019/Flights