

Yuanyuan Shen

650.704.2039 | shen.yuan@northeastern.edu | San Jose, CA 95133 | www.linkedin.com/in/yuan-yuan-shen

SUMMARY

Seeking for an internship/co-op software engineer position. Available Jan 2022 – August 2022.

EDUCATION

Northeastern University, Silicon Valley, CA Jan 2021 - Present
Candidate for Master of Science in Computer Science, GPA: 3.91/4.0

Menlo College, Atherton, CA Aug. 2017 - Dec. 2020
Bachelor of Science in Finance, GPA: 3.75/4.0

- Nominated by Professor for FEI Scholarship; selected to join Rising Star professional networking program for Finance students

SKILLS

- **Programming Language:** Java, JavaScript, SQL, Go, Python, C
- **Database/Big Data Engineering:** MySQL, AWS EC2, RDS
- **Web Development:** Java Servlet, AngularJS, Node.js, JQuery, HTML & CSS, React, Tomcat Server

PROJECTS

Twitch Search and Recommendation June 2021

- Designed and built a full-stack web application for users to search twitch resources (stream/video/clip) and get recommendations.
- Built a web page with rich + user friendly experience using React and Ant Design
- Created Java servlets with RESTful APIs to handle HTTP requests and responses.
- Used MySQL to store real data and deployed it to Amazon RDS for better simplicity and scalability.
- Support login/logout and favorite collection.
- Improved personalized position recommendation based on search history and favorite records.
- Deployed to Amazon EC2 for better performance.

Shoppy: A Spring and Hibernate based Shopping and Ordering System July 2021

- Used Spring framework to build a web application for users to shop and order items online.
- Built a web application based on Spring MVC to support item search and listing (dependency injection, inversion of control, REST API etc.). Implemented security workflow via in-memory and JDBC authentication provided by Spring Security.
- Utilized Hibernate to provide better support of database operations
- Developed a Spring Web Flow to support item ordering.

Newder: A Tinder-like News App Aug. 2021

- Designed the Instagram Flavor News app based on Google Component Architectural MVVM Pattern
- Implemented the bottom bar & page navigation using JetPack navigation component
- Utilized 3rd party CardStackView (RecyclerView) to support swipe gestures for liking/disliking the news
- Built the Room Database with LiveData & ViewModel to support local cache and offline model
- Integrated Retrofit and LiveData to pull the latest news data from a RESTFUL endpoint (newsapi.org)

EXPERIENCE

Research and Development Assistant | Menlo College, Atherton June 2020 – Nov. 2020

- Researched new and innovative Haier Rendanheyi management model (networked vs. hierarchical) in preparation to build out new undergraduate and graduate-level courses.

ACTIVITIES

President | Asian Student Association | Menlo College Mar. 2019 – June 2020

- Lead 80-member club in preparing and producing large scale events like the Mid-Autumn Festival and the New Year Event to promote diversity and cross-cultural understanding.