Yu Qiu

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EDUCATION

San Jose State University, San Jose, CA	01/2020 - 12/2022 (Expected)
M.S. in Software Engineering	GPA: 3.69 /4.0

Related Courses: Enterprise Distributed Systems, Enterprise Application Development, Database Systems, Deep Learning, Cloud Computing

University of Southern California, Los Angeles, CA	08/2018 - 12/2019
M.S. in Mechanical Engineering	GPA: 3.58 /4.0
Harbin Institute of Technology, Harbin, China	08/2012 - 07/2016
B.S. in Flight Vehicle Design and Engineering	GPA: 3.55 /4.0

EXPERIENCE

SDE, Intern	**Amazon.com, Inc.**	05/2022 - 08/2022

- Attended daily meeting and bi-week Sprint plan, contributed 10,000+ lines of changes and ranked #2 in a team of 13 members
- Developed an online code-editor with TypeScript and wrote unit tests with Jest
- Communicated with another team's members, built a RESTful API and did integration tests in pipeline

Software Developer, Intern	**CletePoint, Inc.**	05/2021 – 05/2022

- Built front-end UI applications with React, developed back-end services with Java Spring Boot
- Designed databases with MySQL and deployed services to AWS Elastic Beanstalk
- Built mobile APP with React Native

Research Assistant	**San Jose State University**	03/2021 - 07/2021

- Developed an online Android Emulator with Docker Image and Appium server
- Debugged front-end and back-end errors with Java Spring Boot and JavaScript
- Configured load balancers and improved website speed by 40%

SELECTED PROJECTS

Personal Website: www.qiuyu.info (for additional information and projects)

EventSearch on both web and Android platforms	05/2021 - 06/2021

- Developed web and Android version using Google Maps API, TicketMaster API and Spotify API
- Designed front-end application with Angular 10 and Bootstrap
- Built back-end services with Node.js and deployed the project to Google Cloud Platform

House Trading and Rental Platform	09/2020 - 12/2020

- Used Agile/SCRUM as team project management methodology and deployed to AWS
- Developed back-end services using Java Spring Boot
- Built front-end applications with HTML, Bootstrap, jQuery and Ajax

Customer Email Feedback Collection	05/2020 - 08/2020

- Independent developer, integrated Google Login, Stripe charge, and SendGrid emails API
- Designed front-end application with React and Redux, built back-end services with Node.js
- Stored user and survey data in a distributed storage using MongoDB

SKILLS

- (*proficient*): Java, Python, JavaScript, MySQL, MongoDB, AWS, Git   (*familiar*): C++, HTML/CSS