TRI DO

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OBJECTIVE: Seeking a Software Engineering internship where I will use my Computer Science background and interpersonal skills to further company growth

EDUCATION

Bachelor of Science in Computer Science

San Jose State University, San Jose, CA	GPA: **3.85/4.0**	Expected Graduation: **Dec 2021**
Mission College, Santa Clara, CA	GPA: **3.9/4.0**	Graduated: **May 2019**

TECHNICAL SKILLS: JavaScript, ReactJS, Java, Spring Boot, HTML, CSS, SQLite, Firebase

EXPERIENCE

Backend Software Engineer   **Fannie Mae**   **June 2020 - Aug 2020**

- Implemented Restful API, and microservices using **Spring Boot**, **Java Lambda 8** for users to determine whether loans should be held for sale or investment
- Wrote test cases using **Junit 5**, and **Karate** for backend services
- Learned to track changes and collaborate with other engineers using **Git**, **Bitbucket**
- Helped teammates write new detailed documentations for a new developer

PROJECTS

Learning Service | Independent project   **Fall 2019**

- Independently built learning website to help students find appropriate tutors using **ReactJS**
- Sketched ideas and utilized many technologies: **Redux, Higher Order Component, Authentication**, etc
- Gained valuable knowledge and skills in building web technologies
  https://github.com/tricaodo/Learning-Service-ReactApp

Hangman Game | Independent project   **Spring 2019**

- Independently built this app in **ReactJS**
- Offered entertainment for other students and also myself
- Gained valuable experience in building web technologies using **HTML, CSS, JavaScript**
  https://github.com/tricaodo/Movie-Booking-System-App

Path Finding Visualizer | Independent project   **Fall 2019**

- Independently built path finding visualizer in **Java**
- Sketched ideas and implement different types of algorithm and data structure
- Gained valuable knowledge and skills based on **Dijkstra, A*, DFS, BFS**, etc
  https://github.com/tricaodo/Path-Finding-Visualizer

ACTIVITIES

Mission Hackathon 3.0, Santa Clara, CA   **April, 2019**

- Brainstormed ideas with a team of 5 to create a software called Smart-Collector that helps families and small businesses sort waste more efficiently
- Integrated Google Vision API to classify waste and Websocket for real-time communication using **Java**

Angel Hack 2019, Santa Clara, CA   **June, 2019**

- Implemented Computer Vision (AWS API) to create a security camera
- Using phones to simulate public cameras to detect active shooters
- Embedded Google Map API to show the location where active shooters are at

ORGANIZATIONS

- Member of SJSU Competitive Programming   **August, 2019**
- Member of SJSU Hoplite   **August, 2019**