

Jefferson Ly

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OBJECTIVE: Software development internship for the Summer of 2020.

EDUCATION: **San Jose State University** **Bachelor of Science in Software Engineering**
Expected graduation date: December 2020

RELEVANT COURSEWORK:

- Applied Statistics and Probability
- Data Structures and Algorithms
- Software Process Management
- Assembly Language Programming
- Object Oriented Design
- Enterprise Software Platforms
- Computer Org and Architecture
- Operating Systems
- Software Quality Testing

TECHNICAL SKILLS:

- Java
- JavaScript
- React.js
- AWS
- HTML:CSS
- Node.js

NON-TECHNICAL SKILLS:

- Adaptive
- Communication
- Innovative
- Leadership
- Patience
- Teamwork

WORK EXPERIENCE:

Concrete Shells, San Jose, CA **Web Developer** **May 2019 - Sep. 2019**

- Developed functional website using HTML, CSS, JQuery, Javascript, and JS libraries
- Moved website codebase off wordpress, converted to fully custom code
- Quality tested website to optimize rendering time

VIA Alliance Technologies, Fremont, CA **Software Engineering Testing Intern** **Jan. 2019 - Apr. 2019**

- Downloaded and installed software programs into different systems & motherboards
- Black box tested computer motherboard programs UI on TVs and desktops
- Collaborated with engineers to track bugs and report them to RnD team

SpotMe Solutions, San Jose, CA **Front End Developer Intern** **Aug. 2018 - Dec. 2018**

- Designed and implemented UI for a mobile application
- Implemented map design and application functionalities into application
- Built application using React.js, React Native, and Redux

PROJECTS:

Celebrity Recognition Application (Group Project) **Oct. 2019 - Nov. 2019**

- Application successfully detects celebrities within photos using AWS services and finds info using IMDB api
- Worked on authentication aspects, image upload, and using AWS Rekognition to recognize celebrities
- Used AWS Amplify backend resources and React.js to build application

Mini DropBox Project (Individual Project) **Sep. 2019 - Oct. 2019**

- Added admin portal and user portal, users are able to view each others files
- Implemented CRUD functionality as well as file upload and download
- Developed using AWS (Amplify, Cognito, DynamoDB, S3, Cloudfront), React.js, and GraphQL

ACTIVITIES AND LEADERSHIP:

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| • Software and Computer Engineering Society | Dev Team | Sep. 2019 - Present |
| • Society of Asian Scientists and Engineers | Treasurer | June 2018 - May 2019 |
| • MESA Engineering Program | Member | Aug. 2017 - Present |
| • Society of Asian Scientists and Engineers | Secretary | Jan. 2018 - May 2018 |