

Jefferson Ly

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EDUCATION:	San Jose State University GPA: 3.22 / 4.0	Bachelor of Science in Software Engineering Expected graduation date: December 2020
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RELEVANT COURSEWORK:

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| • Assembly Language Programming | • Mobile Software Engineering | • Software Process Management |
| • Computer Org and Architecture | • Object Oriented Design | • Enterprise Software Platforms |
| • Data Structures and Algorithms | • Operating Systems | • Software Quality Testing |

TECHNICAL SKILLS:

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| • Java | • AWS |
| • JavaScript | • HTML:CSS |
| • React.js | • Node.js |

NON-TECHNICAL SKILLS:

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| • Adaptive | • Leadership |
| • Communication | • Patience |
| • Innovative | • Teamwork |
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WORK EXPERIENCE:

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| Carl Zeiss X-ray Microscopy, Remote | Software Engineering Intern | Jun 2020 - Present |
| <ul style="list-style-type: none">• Implemented functional services using Javascript on the ThingWorx platform• Leveraged pre-existing services to manipulate data from systems• Analyzing system data to predict source changes and the lifecycle of Versa systems | | |
| Concrete Shells, San Jose, CA | Web Developer | May 2019 - Sep. 2019 |
| <ul style="list-style-type: none">• 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 |
| <ul style="list-style-type: none">• 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 |
| <ul style="list-style-type: none">• Designed and implemented UI for a mobile application• Implemented map design and application functionalities• Built application using React.js, React Native, and Redux | | |
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PROJECTS:

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| Celebrity Recognition Application (Group Project) | Oct. 2019 - Nov. 2019 |
| <ul style="list-style-type: none">• 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 |
| <ul style="list-style-type: none">• 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 | |
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ACTIVITIES AND LEADERSHIP:

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| • Software and Computer Engineering Society | Dev Team | Sep. 2019 - Aug. 2020 |
| • Society of Asian Scientists and Engineers | Treasurer | June 2018 - May 2019 |
| • MESA Engineering Program | Member | Aug. 2017 - Present |