

# Jefferson Ly

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**Personal Website:** <https://jeffersonly.github.io/>

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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
- Intro to Database Management Systems
- Assembly Language Programming
- Object Oriented Design
- Introduction to Java
- Computer Org and Architecture
- Operating Systems
- Software Quality Testing

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**TECHNICAL SKILLS:**

- Java
- JavaScript
- React.js
- Redux
- HTML:CSS
- SQL

**NON-TECHNICAL SKILLS:**

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

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**WORK EXPERIENCE:**

**Concrete Shells, San Jose, CA** **Web and Mobile Developer** **May 2019 - Present**

- Developed functional website using html, css, jquery, javascript, and js libraries
- Developing mobile application using React Native
- 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

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**PROJECTS:**

**Sudoku Application (Java)** **Sept. 2018 - Dec. 2018**

- Implemented score calculation and junit tests
- Used values and messages to update model based on action events
- Built Sudoku GUI using Java Swing and other java components

**Captcha Generator (JavaScript, HTML/CSS)** **June 2018 - July 2018**

- Creates randomized Captcha images containing words of varying fonts and size
- Implemented randomized string generation including digits and letters
- Implemented invocation and verification features to see whether user entered correct captcha text

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**ACTIVITIES AND LEADERSHIP:**

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| • 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 |