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

TECHNICAL SKILLS:		**NON-TECHNICAL SKILLS:**	
Java	Redux	Adaptive	Leadership
JavaScript	HTML:CSS	Communication	Patience
React.js	SQL	Innovative	Teamwork

WORK EXPERIENCE:

Concrete Shells, *San Jose, CA* **Web and Mobile 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:

Sudoku Application (Java) **Sept. 2018 - Dec. 2018**
- Implemented score calculation and junit tests
- Used valves 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:

- **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**