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# Calvin Ly

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## OBJECTIVE

I am a highly driven engineering student seeking an internship in software development to learn new skills and gain experience in the industry.

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## EDUCATION

**San Jose State University**  
**B.S. Computer Engineering**

**GPA: 3.82**  
**Expected Graduation: May 2021**

**Coursework:** Calculus III Honors, Programming Concepts (C), Object-Oriented Concepts (C++), Assembly Language Programming, Algorithms and Data Structures, Intro to Circuit Analysis

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## SKILLS

**Technical Skills:** C, C++, Arduino, HTML/CSS, Bootstrap, JavaScript, JQuery, React

**Soft Skills:** Teamwork, Communication, Work Ethic, Adaptability, Problem Solving

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## PROJECTS

### On-Board Tic Tac Toe

**April 2018 - May 2018**

- ❖ Created a hands-on Tic Tac Toe game using a SJ One Board, eighteen LEDs, jumper wires, and a breadboard.
- ❖ Efficiently solved bugs with the board and code, while concatenating the software and hardware together in C.

### Arduino Touchscreen LED Strip

**January 2018 - February 2018**

- ❖ Integrated and controlled a RGB LED Strip and touch screen using an Arduino Uno, and a breakout board.
- ❖ Programmed customizations such as colors, brightness, and effects that can be controlled using the touchscreen.

### IR Beacon Robot

**November 2017 - December 2017**

- ❖ Worked in a team of six to design and build an autonomous robot that detects infrared signals and surroundings to complete a real-life objective.
- ❖ Learned how to efficiently work in a team environment.
- ❖ Troubleshooted mechanical issues that hindered the robot's movement.

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## ACTIVITIES

**Marketing Chair - Society of Asian Scientists and Engineers**

**August 2018 - May 2019**

**Member - MESA Engineering Program**

**August 2018 - Present**

**Member - Educational Opportunity Program**

**August 2017 - Present**