

# Jonason Y. Liu

10191 Judy Avenue Cupertino, CA 95014

Phone: 650-495-8360 ♦ Email: liujonason@gmail.com

## Objective

- ❖ To secure an intern position in this reputable company to expand my learnings, knowledge, and skills based on my major, Computer Network Systems.

## College Freshman Projects

### Junction Traffic Light Project - Cupertino, CA 10/2021 - 11/2021

- ❖ Built a project that simulated a traffic light by assembling an arduino, LED lights, resistors, jump wires, a breadboard, and programming the LED lights with the Arduino app
- ❖ Learned how challenging it was to figure out how an arduino works and connecting it to the circuit.

### Wind Turbine Project 03/2022 - 03/2022

- ❖ Designed a wind turbine that generated 2.33 watts of power, weighed 215 grams, had a height of 17 inches, and blade length of 2.5 inches
- ❖ Learned other ways to improve the structure of our wind turbine, like adding more beams, changing blade angle, and making stronger connections between the motor plate and tower

## Robot Project

- ❖ Assembled, soldered, and coded a robot that could locate and turn off a red beacon, locate and capture a green beacon, and then exit the arena
- ❖ Learned that this project required lots of patience and creativity to get the robot to maneuver the way we wanted it to

## Personal Qualities

- ❖ San Jose State University freshman majoring in engineering technology/computer network systems
- ❖ Passionate about and committed to help others
- ❖ Self-motivated and fast learner
- ❖ Collaborative and amicable team player