

# Nikos Aghazarian

3275 Coldwater Dr.

San Jose, CA 95148

(650) 313-3906

**nikosaghazarian@gmail.com**

**Github:** [github.com/NikosAghazarian](https://github.com/NikosAghazarian)

**Personal Webpage:** <https://nikosaghazarian.herokuapp.com/>

## EDUCATION

**University of California Davis, Davis, CA— *B.S. in Progress***

Sept. 2018 - Present

Electrical Engineering B.S. currently in progress. **Current GPA: 3.793**

## WORK EXPERIENCE

- Calculus Tutor (4 hr/wk)
  - Employer: Eastside Union High School District
  - August 2017 - May 2018
- Wordpress website maintenance for The Palms in Los Gatos (~2 hr/mo)
  - Employer: The Palms
  - June 2018 - November 2018

## SKILLS

- C
- Python

- SQL
- Matlab
- Javascript
- Express.js + Node.js
- HTML5/CSS
- Microsoft Office
- **GPIO/Microcontroller level programming:**
  - Five weeks experience with the TI MSP432 microcontroller and Arduino
- Introductory knowledge of MySQL & MySQL Workbench.
- Utilizing Raspberry Pi to build partially autonomous monitoring systems.
- SSH, bash, and Vi(m) to access and repair remote system issues.
- Able to work without supervision to complete projects to request.

## PREVIOUS PROJECTS:

- Wave Function Visualizer: A simple app to allow users to view and manipulate ideal and fourier waveforms
- Distance-based Light Strip controller: A program to control an LED strip based on distance from an ultrasonic detector
- Connect 4: An Electron-based game of Connect 4
- Greywater System Monitor: A monitor for a non-internet-enabled greywater irrigation system. Utilizes OCR to read a display and check for offline alerts.
- Home Internet Monitor System: Tracks and stores HTTP response times from select webpages.