

Nikos Aghazarian

3275 Coldwater Dr.

San Jose, CA 95148

nikosaghazarian@gmail.com

(650) 313-3906

Github: github.com/NikosAghazarian

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

SKILLS

- **Team Oriented Learning and Planning**
- **C**
- **Python**
- **Javascript**
 - Node.js
 - Express.js
 - Angular
- **HTML5/CSS**
- **Microsoft Office**
- **GPIO/Microcontroller level programming:**
 - Fifteen weeks experience with a TI microcontroller
 - Five weeks experience with an Arduino
- **Matlab**
- **MySQL & MySQL Workbench**
- **Raspberry Pi to build autonomous monitoring systems.**
- **SSH, Bash, Vi(m) to access and repair remote system issues.**
- **Able to work without supervision to complete projects according to specifications.**

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.

EDUCATION

University of California Davis, Davis, CA— *Electrical Engineering*

Sept. 2018 - Present

Electrical Engineering B.S. currently in progress. **Current GPA: ~3.6**

Mt. Pleasant High School, San Jose, CA— *High School Diploma*

Completed

WORK EXPERIENCE

- **Calculus Tutor**
 - Employer: Eastside Union High School District
 - August 2017 - May 2018