# Nikos Aghazarian

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## SKILLS

- **Oracle DB 19c & Oracle Enterprise Manager 13c**
- **AWS EC2**
- **Team Oriented Learning and Planning**
- **Python**
- **Javascript**
  - Node.js
  - Express.js
  - Angular
- **HTML5/CSS**
- GPIO/Microcontroller level programming:
  - Fifteen weeks experience with a TI microcontroller
  - Five weeks experience with an Arduino
- Matlab
- C
- Microsoft Office
- 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: ~3.76**

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

Completed

## WORK EXPERIENCE

- Database Admin Apprentice
  - Employer: UC Davis Information & Education Technologies (IET)
  - October 2020 – Present
- Calculus Tutor
  - Employer: Eastside Union High School District
  - August 2017 – May 2018