

# Ian Hunter

ihunter2839@gmail.com

ihunter2839.com

831.207.5291

San Juan Bautista, CA

## Education

**UC San Diego**      Bc.S - Bioinformatics      2012 - 2018

Core classes in organic chemistry, algorithms and data structures, and statistics, with a specific focus on their applications to genomic sequencing

**San Jose State Univeristy**      Electrical Engineering - Open Univeristy      2022 - 2023 (estimated)

Core EE curriculum through the Open U program - circuit theory and analysis, OPAMPS, and digital signals

## Experience

**IT Manager - Evergreen Supply**      2020 - present

Managed rollout of new Point of Sale system for a small-medium sized construction and landscape supply business

Installed and configured networking equipment and hardware firewalls for two branch locations

Updated website and Voice over IP services to make use of additional functionality and improve customer experiences

**Founder - Organize**      Los Angeles, CA      2018 - 2020

Developed a platform to crowdsource information on day to day interactions between police officers and citizens

Built a React based front end that allowed users to publicly document their experiences to officer and department specific logs

Created an open API to promote data accessibility and developed data ingestion systems to maintain department and officer profiles

## Skills

### Languages

Python, Javascript, C++, HTML, C, CSS, SQL

### Tools and Programs.

Linux, Git, AWS, Arduino, LTSpice, Altium

### Frameworks and Libraries

Django, React, NodeJS, Apache

## Other

### SJSU Spartan Racing - Student volunteer

Implemented code to control actuation of an adjustable wing element (DRS)

### Tor Lab, Dept. of Chemistry - Student Researcher

Assisted in the synthesis of antibiotic based candidate therapeutics for a specific class of genetically caused diseases

### Code for San Jose - Volunteer

Built a React based online portal to encourage participation in the 2020 Census in partnership with the City of San Jose

**Engineer - Embrace**      San Diego, CA      2017 - 2018

Developed a wearable IMU device that analyzed gait patterns in aging adults for the purpose of fall prevention

Implemented networking firmware to handle data acquisition and data upload under variable network conditions

Researched and implemented algorithms for IMU sensor fusion and gait parameter determination

Partnered with leading kinesiologists to complement visually administered fall risk assessments with wearable sensors