

Ian Hunter

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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 2022 - 2023
Univeristy (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 (PoS) system for a small-medium sized construction and landscape supply business

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

Monitor and manage website, VOIP, and PoS systems on an ongoing basis

Founder - Organize Los Angeles, CA 2018 - 2020

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

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

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

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

Skills

Languages

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

Tools and Programs.

Linux, Git, AWS, Arduino, Raspberry Pi/Pico, LTSpice, Altium, Markdown

Frameworks and Libraries

Django, React, NodeJS, Apache

Other

SJSU Spartan Racing - Formula SAE

Implemented control functionality and logic for drag reduction system

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