

Ian Hunter

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San Juan Bautista, CA

ihunter2839.com

Education

UC San Diego Bc.S - Bioinformatics 2012 - 2018

Interdisciplinary major with focuses in advanced data structures, algorithmic analysis, chemistry, biotechnology related lab techniques, and statistics

Experience

CTO - Organize Los Angeles, CA 2018 - 2020

www.organizeapp.org

Built an application that helps citizens easily report and track police misconduct across the US

Reached over 25K users with our product and collaborated with existing organizations to ensure the longterm continuation of the service

Lead Engineer - Embrace San Diego, CA 2017 - 2018

Implemented firmware, networking, and analytics software for a wearable sensor system to detect changes in the walking patterns of aging adults

Partnered with leading kinesiologists to develop a program to help practitioners more accurately evaluate fall assessment tests

Paver Guru - Evergreen Supply 2013 - 2016

Worked seasonally as a salesman and floor manager for a constuction and landscaping materials supplier

Optimized employee workflows in the point of sale system and managed company website

Skills

Languages

Python, Javascript, Java, C++, HTML, C, CSS/SASS, SQL

Frameworks and Libraries

Django, NodeJS, React, Redux, React Router, Apache, Nginx, BeautifulSoup, Pandas, Keras, MySQL, Postgres, GraphQL

Laboratory Techniques

Aseptic techniques, DNA extraction and prep, protein purification, gel electrophoresis, HPLC, bacterial culturing

Tools and Misc.

Linux, Git, AWS EC2/S3, TCP/UDP, Arduino, RESTful APIs

Other

Tor Lab, Dept. of Chemistry - Student Researcher

Assisted in the synthesis of candidate therapeutics

Code for San Jose - Volunteer

Built an online portal to encourage participation in the 2020 Census