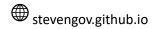


## **STEVEN GOV**





(626) 774-4130

govsteven08@gmail.com

**EDUCATION:** 

**UC San Diego** - Bachelor of Science Degree in Computer Engineering

Expected: JUN 2022

Relevant Courses: Advanced Data Structures, Design and Analysis of Algorithms, Software Tools & Techniques Lab, Computer Organization and Systems Programming, Components & Circuits Laboratory

EXPERIENCES:

**Skinalytics**, Remote - *Software Engineering Intern* 

JUN 2020 - PRESENT

- Used **Elasticsearch** to add a keyword search that allows users to search over 4000+ products within **DynamoDB** database, allowing flexibility and ease with searching
- Wrote integration tests and created Python scripts that indexed DynamoDB tables onto Elasticsearch
  to easily test backend functionalities such as searching for products, reviews, and users
- Currently using **REST APIs** and **Elasticsearch** to implement a **privacy model** that allows users to adjust their privacy preferences for their posts/reviews
- Collaborated with group of interns to debug and prepare the application for release in Sep. 2020

inGenius, San Diego, CA - Instructor/Tutor

JUN 2019 - MAR 2020

- Lead various coding and robotics classes offered at summer camp to approximately 350 students
- Produced week-long lesson plans and examples for all involved classes, such as Introduction to Java,
   Ozobot Evos, LEGO Mindstorms EV3, and MIT mobile app inventor
- Lead introductory Java and USACO workshops containing approximately 20 6th-12th grade students

PROJETS:

## Triton Robosub, UC San Diego

DEC 2018 - DEC 2019

- Construct a completely **autonomous robotic submarine** that can complete underwater challenges such as searching, collecting, and interacting with various objects
- Designed **state machine** and integrated input from sensors to give the robot autonomous commands
- Labeled over 15,000 images to train computer module to detect gate with over 85% confidence rate

Bluepark, H.A.R.D. Hacks Runner Up

JAN 2019

- Created a parking-system mobile application connected via Bluetooth to improve UCSD parking using Node.js and Swift
- Set up Raspberry Pi and Bluetooth functionalities for mobile connectivity from phone to Rasp. Pi

Matrices, Individual Project

- Wrote a C++ command-line application that performs matrix multiplication and transposition
- Used Meson and Ninja to build the project while writing unit tests for basic testing

**LEADERSHIP:** 

Sunny Donut, Whittier, CA - Retail Associate

JUN 2014 - PRESENT

- Working at family business whenever possible to assist parents with managing the shop
- Responsible for restaurant hygiene, maintaining high customer satisfaction, and baking donuts
- Typically worked early weekend mornings to manage the shop, allowing parents to rest

MyLegalDepot & Central DBA, Rosemead, CA - Office Assistant

JUN 2020 - PRESENT

- Assisting family business by providing phone service to assist customers with filing their DBAs with the county-recorders office
- Working as an accountant by billing clients for their legal document submissions and was responsible for returning the originals to their possession

SKILLS:

Programming Languages: Java, Python, C/C++, ARM, HTML, CSS, JavaScript

Applications: Elasticsearch, Amazon AWS, Linux, Node.js, Autodesk Inventor, MySQL, Raspberry Pi