



ANGEL J. HARO

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Education

CALIFORNIA STATE UNIVERSITY DOMINGUEZ HILLZ
Bachelor of Science in Computer Science

RELEVANT EXPERIENCE

🍏 APPLE | Los Angeles, CA | August, 2021 ~ Present |
LEAD APPLE TEACHER

- Engaged in public speaking to educate schools about a diverse range of CS topics. *ie...* hacking, linux distro's, web dev, game dev.
- Developed exercises, activities, projects and more for *CISE*.

🏛️ FED | McLean, VA | May, 2023 ~ Aug, 2023 |
REVERSE ENGINEERING INTERN

- Reverse engineer software to make automation of vehicles(AoV) integrate w/federal tools and software.

Research

📄 GOOGLE | Mentor: Dr. Tang | Jan, 2023 ~ Present |
MACHINE LEARNING && FULL STACK APPLICATIONS

- Python, *ML* libraries, data manipulation, visualization.
- Web Dev. w/ Javascript, HTML/CSS, React, NextJS, tailwindcss.

🏛️ KEAN | Mentor: Dr. Ayad | Feb, 2023 ~ Oct, 2023 |
MUTATION TESTING AND ANTI-HACKING TESTING

- Research the correlation between mutant score/operators | size of functions | to measure the effectiveness of test suites.

Projects

OPENSOURCE <https://github.com/aharoJ/opensource>
contributions: *Alacritty, Nvim/vim, Tmux, Obsidian and more.*

MACHINE LRNG
over 8,000 notes.md | code | docs | libs | modules.

STARSHIP <https://github.com/aharoJ/dot-starship>
contributed | pre-sets' | .config files | color.conf.

VIVALDI <https://github.com/aharoJ#--vivaldi--->
designed w/the goal of productivity for tech-savvy | programmers.

Software Developer

ARCHITECTURAL BACKGROUND

db: mysql, cassandra, nosql, postgresql

cloud: aws, google cloud

architectural patterns: m-v-c

design pattern: repostory, factory

DEVOPS

standard os: mac, windows

linux distro: ubuntu - kali - arch

tools: tmux, docker, vm's/parallels, alacritty
flameshot, rectangle, raycast.

shell: zsh, fish, bash

DEV

frame | lib: spring-boot, django, flask,
mvn, react, nextjs.

shell: zsh, fish, bash.

tools: starship, git, exa, obsidian,
flameshot, rectangle, raycast.

Algorithm Awarness

DATA STRUCTURES

hashmaps, stacks, sorting matrices,
binary trees, two pointers, linked lists.

ALGORITHM

breadth-first search (BFS), depth-first
search (DFS), greedy algorithms, dynamic
programming, divide and conquer,
backtracking, and binary search

Machine Learning

lib: pandas, seaborn, numpy, matplotlib

technique: classification, vectorization,
regression, unsupervised learning,
hypothesis function

Languages

SHELL SCRIPTING | JAVA

PYTHON | HTML | CSS | JS

C++ | C | TS | YALM | TOML

Aspirations

Gain recognition, pursue a PhD and share
my findings with future generations
as a professor.

