Angel Haro

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Location: Los Angeles, CA | Phone: +1(562) - 556 - 4540 | linkedin.com/in/aharoJ | haro.j.angel@mail.com

Education

california state university, dominguez hills — major: computer science

expected graduation: december 2023 — gpa: 3.27 — major: 3.691

Work Experience

Apple Teacher > > August 2021 to Present

- Developed interactive Swift programming presentations with accompanying exercises, activities, projects, and initiatives for students at institutions w/out programming courses.
- Maintained a trusting environment where students felt encouraged to participate, ask questions and receive individual attention to effectively learn to program.
- Engaged in public speaking to educate schools about different types of technologies, including algorithms and data structures, hacking, web dev, video game dev, machine learning engineering, backend engineering, and operating systems.

Research

Google Research |→ date: jan. 2023 to apr. 2023 advisor: Dr.Tang

- As a participant in the Google ExploreCSR program, I am gaining expertise in a diverse range of computer science topics.
- Including python, data manipulation and visualization using matplotlib, numpy, pandas, and seaborn.
- Web development using javascript, html/css, and react. Efficient use of the command line interface (cli) and more.

LREU && CAHSI |→ date: feb. 2023 to may 2023 advisor: Dr.Ayid

- Manage and monitored research progress, including conducting literature review and doing a final research presentation along with a poster.
- Utilized Java benchmark and Maven projects in experiments; Pitest to generate mutations, write Python scripts to find LOC per function of the program.
- Conduct research to investigate the correlation between mutant score and the size of functions and mutant operators, and measure the effectiveness of test suites by comparing the number of killed mutants to equivalent mutants.

Projects

opensource contributions

view repository

- A collection of documentation, code, google csr, projects, and resources for Computer Science enthusiasts available on GitHub.
- active contributions: starship, alacritty, vivaldi, nvim/vim, tmux, obsidian and more.
- founder: linksage.io --> in development: cli support, dry run option, progress bar.

machine learning

view repository

- Comprehensive set of over 8,000 lines of markdown notes on just machine learning, modules, libraries, techniques along with an enourmouse code repository.
- real world projects: home value prediction, and a capstone project.

inbox app

view repository

- Implemented Google cloud to store data, ensuring easy access and secure user authentication via Oauth.
- Utilized thymeleaf to create dynamic server-side templates, gaining experience in architectural design and data optimization.

Aspiration

As a driven and ambitious computer scientist, I am eager to make a lasting impact in the world. Despite facing challenges early in my career due to my humble upbringing, I have revived my enthusiasm for technology and am focused on achieving recognition in the field. With a passion for software architecture, machine learning, pipelines, and hacking, I am committed to lifelong learning and embody Albert Einstein's words: "Wisdom is not a product of schooling but of the lifelong attempt to acquire it."

actively under development

https://aharoJ.io

portfolio projects resume

Full-Stack Dev

Software Architect

database: mysql, cql (cassandra), mongodb, nosql

cloud: aws, google cloud

architectural patterns: mode-view-controllec, microservices

design pattern: repostory, singleton, factory

Software Dev

editor | ide: vscode, vim, sublime, eclipse, jetbrain-toolbox

framework/libss: spring-boot, django, flask, tensorflow, scikit-learn, maven, oauth, react

dev tools: nvim/vim, starship, git, exa, obsidian,flameshot, keycastr, rectangle, tmux, z, spunge, raycast

Infrastructure Engineer

standard os: mac, windows

linux distro: ubuntu - kali - arch

devops tools: tmux, slack, tom, virtualbox, parallels, git-control, bash, zsh, alacritty, npm, npx, pip3, fish-shell, homebrew

Machine Learning

libraries: pandas, seaborn, numpy, matplot

techniques: classification, unsupervised learning, hypothesis function, vectorization and regression

Algorithm Engineer

data structures & algorithms: hashmaps, stacks, sorting matrix, binary trees,two pointers, linked list, breadth first search, graphs depth first search, greedy algorithm, dynamic programming, divide and conquer, backtracking, binary search

view portfolio

Languages

shell-scripting	○◔◑◕●●●●
java	○◔◑◕●●●●
python	○◔◑◕●●
toml	○◔◑◕●
javascript	○◔◑◕
yalm	○◔◑
c++ / c	○◔◑

Hobbies

physical activities: gym, soccer, boxing, skateboarding

anime enthusiast: vinland, fma, aot, demon slayer, psycho-pass

video game enthusiast: regional professional fifa 17 | 19 | 21 fps average 2.43 kd

editor: photoshop, sony vegas pro, elgato, obs, youtube