

Danny Nguyen

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Education

University of California, Irvine

Irvine, CA

B.S. in Computer Science and Engineering (GPA: 3.46)

Sept. 2015 – Mar. 2020

Skills

Coding: Python, Swift, SQL, C/C++, Java, MATLAB, JavaScript, HTML, CSS

Other: Amazon Web Services (AWS), Flask, Django, AngularJS, Sketch, Photoshop

Work Experience

Amazon

Seattle, WA

Software Development Engineer Intern

Sept. 2018 – Nov. 2018

- Developed an end-to-end feature that analyzes user behaviors in the Alexa Auto app.
- Created a real-time data-tracking library using Swift and implemented it into the Alexa Auto app.
- Designed an Amazon Web Services pipeline to store, analyze, and visualize data in the cloud.

Google

Boulder, CO

Application Developer Intern

Jun. 2018 – Aug. 2018

- Built a web application using Django, AngularJS, and SQL to support the gTech Global Support team.
- Designed a complete user interface for the web application using Sketch and Photoshop.
- Organized interviews with stakeholders to locate and resolve pain points with current web apps.

UC Irvine

Irvine, CA

Research Assistant

Sept. 2017 – Dec. 2018

- Wrote code to assist researchers at UC Irvine's Department of Neurobiology and Behavior.
- Applied machine learning experiments on lab rats' brain data to find correlations in their memories.
- Assisted in setting up research software in virtual Linux environments.

Involvement

Code Cube

Apr. 2018 – Present

- Co-founder of a club that works with Orange County startups on company projects to give students experience in industry, similar to an internship.
- Increased membership and worked with 2 startups since club launch.

Eta Kappa Nu

Mar. 2018 – Present

- Admitted member of the national honor society of computer engineers (IEEE).

HyperXite

Oct. 2015 – Jun. 2016

- Front-end web developer for my university's SpaceX Hyperloop Competition team.

Projects

Reddit Data Analysis (Python): Analyzed Reddit user profiles with machine learning and discovered correlations in their internet activities.

Thales Project Arduino (C++): Created a stealth RC car using an Arduino, sensors, a mounted laser, and attachable cameras.