

Danny Nguyen

I want to use technology to improve lives, strengthen communities, and cultivate education.

Experience

Software Development Engineer Intern @ Amazon

Jun 2019 – Present (New York, NY)

- Back-end engineering on the Fashion Tech team.

Software Development Engineer Intern @ Amazon

Sept 2018 – Nov 2018 (Seattle, WA)

- iOS app development on the Alexa Auto team.
- Developed a program that uses machine learning to predict user behaviors within the Alexa Auto app.
- Developed a Swift library to collect and analyze user behavior data.
- Built a pipeline in AWS to store, analyze, and visualize user behaviors on the cloud.

Business Intern @ Google

Jun 2018 – Aug 2018 (Boulder, CO)

- Developed a program that automated tasks for Google Account Strategists, eliminating over 2,500 hours of manual work per year.
- Designed user interfaces in Sketch and prototypes in Bootstrap.
- Conducted user interviews to gather data points.

Research Assistant @ UC Irvine

Sept 2017 – Dec 2018 (Irvine, CA)

- Supported scientists and researchers with programming and code optimization.
- Created machine learning scripts to understand patterns in neurobiological datasets.

Web Developer Intern @ UC Irvine

Oct 2016 – Jun 2017 (Irvine, CA)

Web Developer @ HyperXite

Oct 2015 – Jun 2016 (Irvine, CA)

Projects

Matches An elegantly designed app that analyzes a person's social media profiles to discover their personality traits.

Reddit Data Visualization A program that uses machine learning on Reddit data to visualize the interests and behaviors of Reddit users.

Thales Project Arduino A stealthy RC car that is controllable from a computer. Built using an Arduino, RC car parts, Bluetooth sensors, a laser, and cameras.

Education

UC Irvine

Sept 2015 – Mar 2020

B.S., Computer Science and Engineering

GPA 3.50

Skills

Programming Languages

Python, Java, Swift, C, C++, JavaScript, HTML, CSS, SQL

Frameworks & Libraries

Flask, React, Flutter

Design

Sketch, Adobe Photoshop

Cloud

AWS, GCP

Involvement

IEEE Eta Kappa Nu

HackUCI

ICS Mentorship Program

Asian Googler Network

Alexa Auto Book Club

Ultimate Frisbee Club

Coursework

Compilers & Interpreters

Computer Networks

Embedded Software

Computer Vision

Data Management

Digital Signal Processing

Discrete Mathematics

Operating Systems

Contact

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