

# Danny Nguyen

Software Engineer

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## EXPERIENCE

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### Software Development Engineer Intern @ Amazon

Jun 2019 – Present (New York, NY)

### Software Development Engineer Intern @ Amazon

Sept 2018 – Nov 2018 (Seattle, WA)

- iOS developer intern on the Alexa Auto team.
- Developed a machine learning program that predicts users behaviors and adjusts interface elements of the Alexa Auto iOS app.
- Developed a Swift library that collects and analyzes user behaviors.
- Designed and implemented a pipeline on Amazon Web Services to store, analyze, and visualize customer data on the cloud.

### BOLD Intern @ Google

Jun 2018 – Aug 2018 (Boulder, CO)

- Developed an application that automated tasks and saved over 2,500 hours of manual work for Google Ads specialists.
- Designed and implemented a UI with Sketch and Bootstrap.
- Conducted stakeholder interviews for user research.

### 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

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**Matches** – USC hackathon project. Created an app that analyzes social media profiles and deduces a user's personality traits.

**Reddit Data Project** – Analyzed datasets with machine learning to discover interests and behaviors of Reddit users.

**Thales Project Arduino** – Created a stealth RC car for an engineering competition using an Arduino, sensors, a laser, and attachable cameras.

## EDUCATION

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### UC Irvine

Sept 2015 – Mar 2020

B.S. in Computer Science  
and Engineering

GPA: 3.48

## SKILLS

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### Programming

Python, Java, Swift, SQL,  
MATLAB, C++, HTML,  
CSS, SystemVerilog

### Frameworks

Flask, Django, Flutter

### Design

Sketch, Photoshop

### Services

Amazon Web Services

## INVOLVEMENT

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IEEE – Eta Kappa Nu

HackUCI

ICS Mentorship Program

Asian Googler Network

Alexa Auto Book Club

Ultimate Frisbee Club

## COURSEWORK

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Compilers & Interpreters

Computer Networks

Embedded Software

Computer Vision

Data Management

Discrete Time Signals

Discrete Mathematics

Operating Systems