Danny Nguyen

Software Engineer

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EXPERIENCE

Software Engineer Intern @ Amazon
Jun 2019 — Present (New York, NY)

Software 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.

Business Developer Intern @ Google
Jun 2018 — Aug 2018 (Boulder, CO)
- Business and software developer intern on the business team.
- Built a web-app using Django, AngularJS, and SQL that saved over 2,500 hours of manual labor for Google Ads specialists.
- Designed a complete UI for a web application using Sketch.

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

Matchy Dating App – Created an elegant and minimal UI for a mobile dating app concept.

Reddit Data Project – Analyzed datasets to discover user interests and behaviors. Created interactive visual in Python.

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

EDUCATION

UC Irvine
Sept 2015 — Mar 2020
B.S. in Computer Science Engineering

SKILLS

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

Frameworks
Flask, Django, Flutter

Design
Sketch, Photoshop

Services
Amazon Web Services

INVOLVEMENT

IEEE – Eta Kappa Nu
HackUCI
ICS Mentors
Asian Googler Network
Alexa Auto Book Club
Ultimate Frisbee Club

COURSEWORK

Software Design
Compilers & Interpreters
Computer Networks
Embedded Software
Computer Vision
Databases
Discrete Time Signals
Discrete Mathematics
Operating Systems
Linear Algebra