

Danny Nguyen

<http://danford.io> – danfordnguyen@gmail.com – (916)895-9039

Education

University of California, Irvine

09/15 – 03/20

B.S. in Computer Science and Engineering

Experience

Amazon (New York, NY)

12/18 – Present

Incoming Software Development Engineer Intern

- Nothing to show here.

Amazon (Seattle, WA)

09/18 – 11/18

Software Development Engineer Intern

- Developed a feature that collects and analyzes user behaviors in an iOS product.
- Created a real-time data-tracking library using Swift, Python, and SQL.
- Designed a pipeline on AWS to optimally store, analyze, and visualize data on the cloud.
- Developed a machine learning program that predicts users behaviors and adjusts the mobile app UI.

Google (Boulder, CO)

06/18 – 08/18

Business Intern

- Worked on business and software development within Google's gTech organization. I built a web-app using Django, AngularJS, and SQL that saved over 2,500 hours of manual labor.
- Designed a complete web-app user interface using Sketch.

UC Irvine (Irvine, CA)

09/17 – 12/18

Research Assistant

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

Projects

Barr.io – Developed an online learning platform using Flask, Bootstrap, Firebase, and Sketch at HackUCI.

Reddit Data Project – Analyzed datasets to discover interests and behaviors of Reddit users. Created an interactive visual of data with a library in Python.

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

Face Morpher – Developed a program that seamlessly morphs two faces together and produces a resulting face using computer vision concepts.

Skills

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

Other – Amazon Web Services (AWS), Flask, Django, Flutter, Sketch, Photoshop