Danny Nguyen

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Education

University of California, Irvine   March 2020
B.S. in Computer Science and Engineering

Experience

Amazon, Software Development Engineer Intern – *New York, NY*   Starting 6/2019
- Worldwide Consumer organization.

UC Irvine (Neurobiology), Research Assistant – *Irvine, CA*   9/2017 – 12/2018
- Supported scientists and researchers with programming and code optimization.
- Created machine learning scripts to understand patterns in neurobiological datasets.

Amazon, Software Development Engineer Intern – *Seattle, WA*   9/2018 – 11/2018
- Developed a feature that collects and analyzes user behaviors in an Amazon 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.

Google, Business Intern – *Boulder, CO*   6/2018 – 8/2018
- Worked on business and software development within Google's gTech organization. I built a web-app using Django, AngularJS, and GoogleSQL that saved over 2,500 hours of manual labor.
- Designed a complete web-app user interface with Sketch and Photoshop.

Projects

Barr.io – Developed an interactive online education platform using Flask, Bootstrap, Firebase, and Sketch at a hackathon (HackUCI).

Reddit Data Project – Analyzed datasets to discover the interests and behaviors of Reddit users. Created a graphical representation of my findings with an interactive visualization 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**

Involvement

Codecube, Eta Kappa Nu, ICS Student Council, ICS Mentorship Program, HyperXite