

Danny Nguyen

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Education

University of California, Irvine Sept. 2015 – Mar. 2020
B.S. in Computer Science and Engineering
GPA: 3.50

Work Experience

Software Development Engineer Intern @ **Amazon** Jun. 2019 – Present
New York, NY

- Back-end engineering on the Fashion Tech team
- Optimized recommendation service by making data access scalable for high throughput situations.
- Generated graphs to monitor service latencies for over 3,000 requests per second.

Software Development Engineer Intern @ **Amazon** Sept. 2018 – Nov. 2018
Seattle, WA

- iOS app development on the Alexa Auto team
- Created a library to collect and analyze user behavior data at scale
- Integrated a feature that uses supervised learning to predict user behaviors within the Alexa Auto app
- Built a data pipeline in AWS to store, analyze, and visualize user behaviors in the cloud

Business Intern @ **Google** Jun. 2018 – Aug. 2018
Boulder, CO

- Developed a program for Google Account Strategists that saved over 2,500 hours of work per year
- Designed front-end user interfaces in Sketch and implemented them in JavaScript
- Designed logos for Google

Research Assistant @ **UC Irvine Neurobiology** Sept. 2017 – Dec. 2018
Irvine, CA

- Supported scientists and researchers with programming and code optimization
- Applied machine learning to neurobiology datasets for research purposes

Projects

Matches – A web app that processes a person's Facebook profile data and outputs their personality traits.

Reddit Data Visualization – A project that uses machine learning on Reddit data to reveal correlations with users and their many interests. The project is interactive through a visual graph.

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

Skills

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

Design – Sketch, Adobe Photoshop, UI Design

Other Tech – Flask, React, Flutter, AWS, GCP