

Clayton Clark

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Experience

Intuit

INCOMING SOFTWARE ENGINEER INTERN

San Diego, CA

June 2020 - September 2020

- Joining the Observability team at Intuit for Summer 2020 working on _____
- Focused primarily on software, written in Go and React, that runs on AWS EC2 instances

Arista Networks

SOFTWARE ENGINEERING INTERN

San Francisco, CA

June 2019 - September 2019

- Focused primarily on software, written in Go, that runs general network/switch management, provisioning, and orchestration on data centers
- Helped network operators increase visibility into the state of their network by providing real time, event-driven data feeds, and alerting of all first and third party devices, including VMware Vswitches and Kubernetes containers

Cornell University

ECORNELL DATA ANALYTICS CERTIFICATE

April 2018 - July 2019

- Used data and key performance indicators to build a dashboard that uses visuals to improve understanding of complex business situations
- Created and validated regression models that can be used to determine the effect of attributes on a decision and predict likely outcomes

Google

COMPUTER SCIENCE SUMMER INSTITUTE PARTICIPANT

Seattle, WA

July 2016

- 1 of 30 high school seniors selected nationally to attend Google's 3-week intensive Computer Science Summer Institute at the Google Seattle Campus
- Learned JavaScript and Python, while creating web apps with Google App Engine, API's, HTML, and CSS

Projects

IoT FACIAL RECOGNITION EVENT CHECK-IN

May 2020-June 2020

- Led 3-person team by coding the system's backend, which consists of 2 Raspberry Pi edge devices running OpenCV Facial Recognition and Google Text-To-Speech respectively
- Implemented Python to program the edge devices, Google IoT Core to power the Fog device, and Google Cloud Storage as the database

LIT SOCIAL MEDIA SEARCH ENGINE ([HTTP://ALPHABET-1384.APPSPOT.COM/](http://ALPHABET-1384.APPSPOT.COM/))

July 2016

- Integrates the feeds from YouTube, Reddit, and Giphy into one search engine using each of the respective API's, Python, Google App Engine, HTML, and CSS

Education

University of California, Irvine

B.S. IN COMPUTER SCIENCE

Expected 2021

Organizations

100 Black Men of Orange County

STEM ACADEMY INSTRUCTOR

Irvine, CA

October 2017-Present

- Instructs 30+ young men grades 6-12 in Raspberry Pi and Python curriculum
- Implementing curriculum which teaches students how to fabricate quadcopters from scratch

Base 11

ENGINEERING MENTOR

Irvine, CA

October 2017 - Present

- Trains over 30 college students skills such coding Raspberry Pi's and using CAD software for 3D printing to develop IoT quadcopters.

Skills

- Python, Git, Linux, C++, HTML & CSS, AWS, Flask, Go, Javascript, Git, React, R, Gerrit, Docker, Kubernetes