

Doruk Arisoy

dorukarisoy.com | github.com/darisoy | linkedin.com/in/darisoy

Master's student at the University of Washington, aspiring to be a software engineer and designer delivering enterprise-scale software. Experienced in software development and computer networking in global cross-functional teams. Ambitious, organized, entrepreneurial, creative problem solver, and a hardworking team player.

CORE COMPETENCIES

Java, C/C++, Python
Algorithms
Data Structures

JavaScript, HTML 5, CSS
Database Internals
Computer Vision

Machine Learning
Data Center Operations
Linux, Mac OS, Windows

SELECTED ACHIEVEMENTS

- New feature built for contacts.google.com is used more than 5 Million times a day
- Built an SQL Database from scratch with transactions to maintain ACID principles using Java
- Implemented a Java Application that interacted with an Azure SQL Database for booking flight data
- Created the software architecture for an autonomous fruit picking robot arm
- Designed Cisco emergency communications kits used over 30 disasters around the world
- Certified in Cisco Routing and Switching (CCNP) & Security (CCNA)

PROFESSIONAL EXPERIENCE

Software Engineering Intern Google *Bellevue, WA*

Jun-Sep 2020



- Designed a feature of a new user interface using JavaScript for contacts.google.com
- Worked with other engineers to integrate the feature with the rest of the interface
- Tested the feature and created a rollout plan to launch to users while collecting metrics

Software Engineering Intern Cisco *San Jose, CA*

Jun-Sep 2019



- Designed an AngularJS user interface for a new feature in Cisco's operating system
- Created scripts to automatically create user configurations from frontend to backend
- Troubleshoot router OS application process auto-start issues

Network Engineer Intern Cisco *Durham, NC*

Jun-Sep 2018



- Developed web applications that communicate with Cisco routers used in emergencies
- Presented product feature and capabilities to customers
- Deployed Cisco Meraki technology to locations requiring emergency communications

Network Engineer Intern Danaher Corporation *Seattle, WA*

Jun-Sep 2017



- Deployed, configured and managed 24 backbone routers in global data centers
- Established VPN connection between remote offices and data centers

Network Engineer Intern Danaher Corporation *Everett, WA*

Jun-Sep 2016



- Configured and managed network management systems
- Created online documentation for network topology and configuration

EDUCATION

University of Washington Master's in Electrical Engineering *Seattle, WA*

Mar 2020-Jun 2021

GPA: 3.96

Focus: Machine Learning

TA: Computer Science

University of Washington Bachelor's in Electrical Engineering *Seattle, WA*

Sep 2016-Mar 2020

GPA: 3.75

Concentration: Embedded Systems

Minor: Mathematics