

# Doruk Arisoy

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

## CORE COMPETENCIES

Java, C, Python  
Algorithms  
Data Structures

JavaScript, HTML 5, CSS  
SQL  
Virtualization

Cloud computing  
Data Center Operations  
Linux, Mac OS, Windows

## SELECTED ACHIEVEMENTS

- 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 20 disasters around the world
- Certified in Cisco Routing and Switching (CCNP) & Security (CCNA)
- Deployed, configured and managed 24 backbone routers in Danaher Corporation data centers

## PROFESSIONAL EXPERIENCE

**Software Engineering Intern**, Cisco Systems, *San Jose, CA* Jun-Sep 2019

- Designed a user interface using AngularJS for a new feature in Cisco's router operating system
- Created scripts on NGINX to automatically create user configurations from front end to back end
- Troubleshoot router OS application process auto-start issues

**Network Engineer Intern**, Cisco Systems, *RTP, NC* Jun-Sep 2018

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

**Network Engineer Intern**, Danaher Corporation, *Seattle, WA* Jun-Sep 2017

- Deployed, configured, managed routers in global data centers and regional offices
- Provided technical support to remote employees
- Established VPN connection between remote offices and data centers

**Network Engineer Intern**, Danaher Corporation, *Everett, WA* Jun-Sep 2016

- Configured and managed new wireless access points and network management systems
- Created online documentation for network topology and configuration

## EDUCATION & PROFESSIONAL DEVELOPMENT

**University of Washington**, Master of Science in Electrical Engineering, *Seattle, WA* Mar 2020-Jun 2021

**University of Washington**, Bachelor of Science in Electrical Engineering, *Seattle, WA* Sep 2016-Mar 2020

**Cumulative GPA:** 3.75

**Concentration:** Embedded Computing Systems

**Minor:** Mathematics

Additional Trainings: Django, AngularJS, Shell Scripting, Computer Networks