

Doruk Arisoy

d1r1karsy.github.io | github.com/d1r1karsy | linkedin.com/in/darisoy

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