

Melina Delgado

SOFTWARE ENGINEER

Durham NC, USA

☎ 954-682-8999 | ✉ mel.delgado8@gmail.com | 📱 [melina-delgado](#) | 🌐 [melina-delgado](#) | 📺 [melina-delgado](#)

Skills

Programming	Ruby, Python, Bash, C/C++
DevOps	Docker, AWS CDK, Unix
Databases	MongoDB, DynamoDB, Scylla/Cassandra, MySQL
Tools	Git, Yara, Jira, GraphQL, Apache Solr
Languages	English, Spanish, French

Work Experience

Cisco Systems

SOFTWARE ENGINEER

RTP, NC

July 2019 - Present

Back-end engineer for *Corona*, a Cisco internal Third-Party Software (TPS) Risk Management tool for Cisco products

- Break out a monolithic app into micro-services in AWS
- Develop a new *Corona* scanner and microservice for detection of internal Cisco security modules
- Design REST APIs, provide maintenance and stability for an app with about 1.3k users, 12k scans, and 1.5 TB of files scanned (monthly averages)
- Automated data insertion and refresh for *Corona*'s search engine

Cisco Systems

SOFTWARE ENGINEERING INTERN

RTP, NC

Summer 2018

Back-end engineer to improve the TPS version detection precision in *Corona*

- Developed *Corona Hash Service*, a web application microservice with a REST API that detects software based on hash matches
- Implemented crowd-source user overrides for incomplete data

Yale University, Student Developer & Mentorship Program

PROJECT MANAGER AND WEB DEVELOPER

New Haven, CT

Dec 2016 - May 2019

Developer for the *Vesta* application servicing the Yale housing lottery and room draw. <https://gitlab.com/yale-sdmp/vesta>

- Re-designed the training curriculum for new RoR developers
- Wrote Rspec unit tests using Test-Driven Development techniques and provided code review

Education

Yale University

COMPUTER SCIENCE, 3.4 GPA

New Haven, CT

Aug 2015 - May 2019

Certifications & Courses

May 2020 **GIAC Security Essentials Certification (GSEC)**, SANS Institute

Rockville, MD

May 2019 **SEC 401: Security Essentials Bootcamp**, SANS Institute

San Francisco, CA

Aug 2019 **Docker and Kubernetes Fundamentals**, Cisco Systems

RTP, NC

Extracurricular Activity

S&TO Early in Career Organization (EIC)

SOCIAL AND VOLUNTEER ACTIVITIES LEAD

RTP, NC

2020 - Present

Host social, and volunteer sessions year round for STO EIC, an organization for employees within the first five years of their career.

Volunteer Income Tax Assistance and Tax Consulting for the Elderly (VITA/TCE)

CO-PRESIDENT, CERTIFIED ADVANCED TAX PREPARER AND CONSULTANT

New Haven, CT

2016 - 2019

Consult low-income, elderly, ESL, and disabled taxpayers for income tax return preparation.

- Serviced over 1,000 taxpayers and co-managed a team of 55+ volunteers
- Cumulatively earned taxpayers around \$1.6 million (2017)
- Cumulatively saved taxpayers around \$200,000 in tax preparation fees (2017)