

Mark Yoon

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Experience

Cisco Meraki

Software engineer / 2016 - Present
Ruby on Rails, React and Redux, PostgreSQL

- Led cross team project to create a new core business page. Allows customers to monitor the health of the devices in their network.
- Designed and implemented a product API that allows enterprise customers to programmatically monitor and configure their devices. Added GDPR compliance and integrations with other Cisco products.
- Created a new onboarding flow for adding devices. Made it easier for customers to add devices to their network and get introduced to device management concepts.
- Migrated the existing proxy machines for devices to bigger machines. Worked with AWS and Ansible to bootstrap new machines and oversaw the live swap of the machines as devices were checking in.
- Reduced tech debt, managed releases, mentored new employees, and conducted interviews.

Susquehanna International Group

Software engineer intern / Summer 2015
Python and Flask

- Designed a data loader system that performs time-sensitive data acquisition, storage, and processing for options trading systems.
- Created test suites and visibility tools for troubleshooting the old data loader.

Academia

Cornell University

B.S. in Computer Science / 2012-2016

Software Engineering | OO/Functional Programming | Algorithms
Operating Systems | Distributed Systems | Artificial Intelligence

Yu lab

Research assistant / 2014-2015
Javascript, Python

- Designed and implemented a web application for protein network and interaction modeling.
- Used D3 to create interactive 2D and 3D protein interaction models.

Department of Computer Science

Teaching assistant / 2014-2015

- CS 2110: Object Oriented Programming and Data Structures
- CS 4410/4411: Operating Systems & Practicum
- Answered students' questions at office hours and graded assignments/exams.