

# MARK YOON

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## EDUCATION

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### Cornell University

*B.S. in Computer Science*

Aug. 2012 - May 2016

*Ithaca, NY*

- Relevant coursework: Software Engineering | Operating Systems | Distributed Systems | Algorithms  
Object-Oriented/Functional Programming | Artificial Intelligence | Natural Language Processing

## EXPERIENCE

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### Cisco Meraki

*Full-stack software engineer*

Jun. 2016 - Present

*San Francisco, CA*

- Full-stack engineer on the Systems Manager team (React/Redux, Ruby on Rails, etc.).
- Worked with PM and UX to create a new network health page that allowed customers to monitor the health of the devices on their network. Identified customer pain points through user phone calls, iterated on potential designs, deployed an MVP, and monitored adoption rates/usability of the page.
- Wrote and maintained the RESTful API for Systems Manager that provided enterprise customers with the ability to programatically monitor and configure their network.
- Redesigned the onboarding flow for new customers. 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.

### Susquehanna International Group

*Software Engineer Intern*

Summer 2015

*Bala Cynwyd, PA*

- Designed a data loader system that performs time-sensitive data acquisition, storage, and processing.
- Developed a controller-agent system in Python, making redundancy and user visibility considerations.
- Created test suites and visibility tools for troubleshooting the old data loader.

### Yu Lab (Cornell University)

*Full-Stack Engineer*

Summer 2014 - Spring 2015

*Ithaca, NY*

- Designed and implemented a web application for protein network and interaction modeling.
- Used various javascript visualization libraries to create interactive 2D and 3D protein interaction models.
- Handled user queries using Python CGI scripts and loaded data from a MySQL database.

### Department of Computer Science (Cornell University)

*Teaching Assistant*

Spring 2014 - Fall 2015

*Ithaca, NY*

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

## TECHNICAL SKILLS

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### Proficient

Ruby, Javascript, HTML, CSS, Python, SQL

### Familiar

C, C++, Java

### Tools & Libraries

React, Redux, Rails, Git, Agile