

Hazel Court

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AWS, GCP, Go, Java, Python

Experience

Uber

SOFTWARE ENGINEER

San Francisco, CA

October 2015 - PRESENT

- Designed, implemented, and maintained an **MVCS Java service** to deliver 100s of Uber-provisioned cloud hosts in minutes.
- Collaborated on a proof-of-concept cloud datacenter, and performed an experiment to estimate the viability of migrating **over 3000** services to new Uber datacenters.
- Created **Uber's first production cloud datacenter** using our automation, drove policy and projects around it, and acted as the primary owner.
- Lead the migration of **70,000** service-cores from a legacy on-premises datacenter to the new cloud datacenter.
- Designed and lead implementation of Uber's **cloud IaaS platform**, composed of goalstate-driven Go microservices.
- Represented my team in **cross-org collaborations** to create Uber's next-gen foundational infrastructure.
- Co-founded an **internal resource group** for supporting gender minorities in infrastructure roles.

Security Innovations

SECURITY ENGINEERING INTERN

Seattle, WA

June 2015 - September 2015

- Performed **black-box and white-box penetration testing** engagements with 4 clients on their in-production and unreleased products, using industry best-practice threat analysis, test planning, and vulnerability reporting. These products varied from physical devices to web applications.
- Researched the current academic and industry climate on **GPS spoofing**, and wrote a long-form presentation with accompanying short whitepaper.

Epic Systems

SOFTWARE ENGINEER INTERN

Madison, WI

June 2014 - September 2014

- Added a feature to EpicCare Inpatient 2015 that creates a **seamless user interface** with third-party hardware using an in-house RESTful API queried by VisualBasic and presented with HTML/CSS/VBScript.

Education

University of Chicago

BACHELOR OF SCIENCE IN COMPUTER SCIENCE, GPA: 3.3/4.0

Chicago, IL

June 2015

- **Dean's List** 2012 - 2015
- **University Scholar**, 2011 - 2015