Hazel Court

5350 Manila Ave, Oakland, CA

📞 (774) 287-7729 | ✉ hazelcourt93@gmail.com | ⬡ hcourt | in hazel-court-9b817a59

AWS, GCP, Java, Javascript (Node/React), Python, Go

Open Source

BikeHopper
A FREE AND OPEN SOURCE BIKE-TRANSIT ROUTER FOR THE BAY AREA

github.com/bikehopper
Jan 2022 - present

- Co-authored a **multi-criteria bike-to-transit routing engine**, forked from GraphHopper, written in Java.
- Co-authored a React frontend to display **beautiful bike and transit routes**.

Full-time

Mapbox
SENIOR SOFTWARE ENGINEER, PLATFORM

remote
Sept 2019 - Jan 2022

- Tech lead on **Mapbox's compute platform**, consisting of a layer of AWS ECS compute clusters highly customized for API and data services to balance cost and stability on EC2 and Fargate Spot. Examples of our automation include an on-demand safety trigger, instance selection suggestions, and team-by-team cost reporting.
- Planned and authored the compute platform's observability suite, using events to generate **structured logs, EMF metrics, and dashboards**.
- Created onboarding and on-call training resources, interviewed and mentored new teammates, and planned the team's biyearly goals.

Uber
SOFTWARE ENGINEER, CLOUD

San Francisco, CA
October 2015 - Sept 2019

- Tech lead on **Uber's first production cloud infra stack**. Drove alignment with service owners, deployed and productionized infra stack, and created policy for this new environment. This stack now supports over **100,000 service cores**.
- Tech lead on high-priority migration of **70,000 service cores** from legacy hardware to the new cloud stack, adhering to hard deadlines.
- Tech lead on Uber's cloud IaaS platform, a set of **goalstate-driven Go microservices** in an ultra-low-dependency environment.
- Designed, implemented, and maintained the team's principle **MVCS Java service** to deliver fully-functional Uber infra zones on EC2.
- 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.
- Designed, implemented, and maintained a Java service to reliably create golden AWS AMIs for vagrant developer environments.

Education

University of Chicago
BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Chicago, IL
June 2015