

MAHIR KOTHARY

mahirkothary@gmail.com | <https://mahirk.com/> | +1 (206)432-6857

EDUCATION

Cornell Tech

New York, NY | Aug 2021 - June 2022 (Expected)

Master of Eng. in Computer Science

Relevant Coursework: Machine Learning Engineering, Optimization Methods, Algorithms for Applications, Valuations

University of Washington

Seattle, WA | Sep 2013 - June 2017

BS, Computer Science w/ minor in Entrepreneurship

Relevant Coursework: Data Abstractions, HW/SW Interface, Database Systems, Networks, Robotics, Machine Learning

WORK EXPERIENCE

HBO / WarnerMedia DTC Technology (Seattle)

Aug 2017 – Aug 2021

Staff Software Engineer, Subscriber Lifecycle (Apr 2021– Aug 2021)

- Architected plans and led prototyping to help the broader organization utilize OpenAPI for build and testing systems
- Designed systems to enable rule-based and multi-plan purchasing options for US and international experiences

Sr Software Engineer, Direct Commerce and Subscriber Lifecycle (July 2019 – Apr 2021)

- Designed multi-stack architectures to create the first in-house credit card processing and billing system for HBO Max
- Expanded existing services and financial tooling capabilities to enable smoother onboarding for current users
- Led cross team feature crews and developed technical strategy for the international expansion of HBO Max Commerce Services into Latin America and EU

Software Engineer II, Direct Commerce (July 2018 – July 2019)

- Led a team over a span of 2 months to design and reestablish an end to end commerce system using Stripe leading to a 10x reduction of latency in systems.
- Developed systems to interact with existing third party commerce solutions and built accompanying financial tooling
- Designed and executed large scale load testing for commerce services to enable subscriptions for Game of Thrones
- Utilized SQL and Python to generate data visualizations for data-driven system and product improvements

Software Engineer I, In App Commerce (Aug 2017 – July 2018)

- Integrated service side payment integrations with Apple App Store, Google Play Store and Samsung Tizen APIs
- Executed large-scale live migration of data from third-party services to in-house systems

HBO (New York)

Jun 2016 – Aug 2016

Software Development Intern

- Worked in the User & Accounts on HBO GO services to develop new authentication techniques for the internal services

Capture You (Seattle)

Jan 2016 – Jun 2016

CTO & Co-Founder

- Built online platform to connect clients with photographers with search and booking features

Shippable (Seattle)

Jun 2015 – Aug 2015

Software Engineering Intern

- Used Angular and Node, worked on multi-stack to create microservices for the improvement of launch of v3.0.

OTHER EXPERIENCE

TEALS | Volunteer / Educator (Seattle)

Aug 2018 – May 2019

Part of a group of volunteers teaching Introduction to Computer science to High School students in Washington

DubHacks | Executive Officer (Seattle)

May 2014 – Dec 2016

Worked with a team to organize the Pacific Northwest's first and largest collegiate hackathon for three consecutive years. Helped organize the hackathon structure to enable focused streams such as Diversity & Inclusion, Privacy, Security, etc.

Startup UW | Co-President (Seattle)

May 2014 – May 2016

Head of the Executive Board of UW's entrepreneurship club, responsible for designing technology, organizing events, budgeting, and providing startup assistance, previously Technology and Finance Director.

SKILLS

Typescript | Node | Golang | Python | Java | SQL | C++ | React | Presto | Hadoop | AWS