

EXPERIENCE

Stripe

New York, NY

Software Engineer, Merchant Intelligence Team

September 2020 – Present

Software Engineering Intern, Merchant Intelligence Team

January 2020 – May 2020

- DRI for a workflow-agnostic case management system with roughly ~1,000 internal users at Stripe, many of which use the tooling for their entire end-to-end daily workflows
 - o Scoped out, designed, and worked with stakeholders across multiple orgs to deliver features that have enabled the tool to grow to >70,000 individual cases within ~1 year
 - o Designed the permissioning/authorization flow to satisfy strict security requirements around case contents while planning for the technical challenges associated with a fast-growing user base
 - o Frequently met with outside teams to plan strategy around increasing adoption across Stripe, and worked with teams outside of my org to design workflows that would satisfy their use-cases
 - o Scoped, deployed and maintained custom integrations with external tools and APIs
- Acted as a mentor for 4 software engineers and 2 software engineering interns, effectively scoping out spin-up projects and milestones that enabled them to quickly contribute to our tooling
- Developed and deployed multiple features in the Stripe dashboard, including a ranking system for account investigations that enabled platforms to quickly find potentially fraudulent or suspicious merchant accounts
- Awarded 1st place in a company hackathon after creating a donation website that aggregated trustworthy “Stripe-approved” charities by quantifying the legitimacy of non-profit organizations based on their current or projected financial state

Lyft

Seattle, WA

Software Engineering Intern, Internal Productivity Team

June 2020 – July 2020

- Internship duration shortened to 8 weeks due to Covid-19
- Developed a full-stack web application that enabled leadership to monitor internal team metrics and goals at Lyft
- Worked to design the entire product end-to-end including data models, backend, frontend, and code deployment

Capital One

McLean, VA

Software Engineering Intern, Risk / Anti-Money Laundering

June 2019 – August 2019

- Developed a tool for validating potentially suspicious transaction data in real-time to aid in the immediate identification of fraudulent account activity
- Developed a method to dynamically assign account information to a credit card without encoding the magnetic stripe, a solution that would allow for immediate card number reassignment in the event of a data breach

NCR Corporation

Atlanta, GA

Software Engineering Intern, Software Innovation Lab

January 2019 – May 2019

- Created the backend software for a facial-recognition locker system that was presented to executive level leadership at NCR and numerous outside organizations that utilized NCR products
- Chosen as the spring 2019 “Talented Intern” and was given the opportunity to speak at a company all-hands meeting

Lending Club

San Francisco, CA

Software Engineering Intern, Internal Tools and Infrastructure

June 2018 – August 2018

- Used Docker to standardize Python application deployment, enabling employees to develop microservices using frameworks like Flask and Django.
- Worked with Python’s Flask framework to develop a single notification gateway that enabled cross-platform communication across Slack, Atlassian tools, and numerous internal applications.

Tesla

Palo Alto, CA

Software Engineering Intern, Service Engineering Team

August 2019 – November 2019

Software Engineering Intern, Infotainment Automation Team

May 2017 – August 2017

- Recruited by Tesla in High School after publishing a popular open-source UI automation project on Github
- Developed a method to parallelize vehicle log aggregation, effectively reducing processing time by 50%+ in an internal tool used across all vehicles in the Tesla Model S/X/3 fleet
- Worked with the Firmware team to develop automation infrastructure for the Tesla Model S/X/3 Infotainment System
- Worked alongside a team of interns to create a web tool that analyzed cost differences between gas and electric powered vehicles