

## Experience

### 2021 **Staff Engineer, VaccinateCA.**

From March to May in 2021, I worked for VaccinateCA, a volunteer-driven COVID-19 nonprofit.

- Worked on VaccinateCA's web frontend initiatives. Led development of [vaccinatethestates.com](https://vaccinatethestates.com) and contributed to [vaccinateca.com](https://vaccinateca.com). Continue to maintain both codebases for volunteers.
- Built internal web apps for volunteers. Created a phone/web banking app and a vaccination site deduplication game for volunteers.

### 2018–2020 **Engineering Manager, Twitch.**

From August 2018 to December 2020, I managed the Viewer Experience, Product Engineering team.

- Team was responsible for channel page, content discovery, and SEO initiatives. Built back-end services with Go/AWS, web frontends with React, and occasionally contributed to native Android/iOS with Kotlin/Swift.
- Grew the team from four to eight engineers and was responsible for the team's people development. Promoted four engineers and trained another for management.
- Partnered with product managers to build the team's product roadmap, built the team's technical roadmap, and ran project execution.

### 2018 **Senior Frontend Engineer, Twitch.**

From February to August in 2018, I was a senior engineer for the Growth team.

- Led the team's web frontend initiatives and worked with a React/TypeScript/Apollo stack.
- Rewrote Twitch's web login to native React. Optimized p90 loading time of login from 6000ms to 600ms.

### 2017–2018 **Mobile Web Platform Engineer, Twitch.**

From October 2017 to February 2018, I was a mobile web platform engineer.

- I helped rewrite [m.twitch.tv](https://m.twitch.tv) to a React/TypeScript/Relay/Next.js stack that was heavily optimized for time to load.

### 2013–2017 **Android Engineer, Twitch.**

I was Twitch's first full-time Android engineer. Went from intern, to contractor, to team lead.

- Responsible for leading team decisions on app architecture and best practices.
- Led the app rewrite from 2016-2017 to modernize the codebase with Kotlin and MVP architecture.

### 2012 **Software Engineer Intern, Mixpanel.**

Full stack intern for web and mobile analytics startup.

- Helped build Mixpanel's initial people analytics product and worked on the Android SDK.

### 2011 **Software Engineer Intern, Sourcefire.**

Intern for network security company Sourcefire.

- Wrote small lua scripts that detected suspicious applications and protocols.

## Education

### 2010–2014 **B.S. Computer Science, Brown University.**

Teaching assistant for CS32 - Intro to software engineering, CS123 - Intro to computer graphics, and CS132 - Modern web apps