

Alex Xie

WORK

Full-stack Developer Intern ▸ BaseTen

Jan – Apr 2020 (*Incoming*)

BaseTen is a VC-backed startup enabling companies and developers to easily build applications around their ML models through their software.

Web Engineer Intern, Checkout ▸ Shopify

Sept – Dec 2020

- Revamped core features in a complete rebuild of the store checkout used by all one million+ Shopify merchants.
- Introduced E2E testing to codebase by building out E2E test server, harness, and utilities using Jest, Puppeteer, and Koa.

Frontend Engineer Intern, Marketplace ▸ Faire

Jan – Apr 2020

- Drove implementation and user research for a new subscription program, reaching 23% adoption in a month and a 2.1% overall GMV increase.
- Worked on improving scalability and accessibility of marketplace UI library.
- Built and maintained Square & Shopify POS integrations using React/MobX.

Full-stack Engineer Intern, Digital Storefronts ▸ Flipp

May – Aug 2019

- Launched a new digital publishing system that ingests and transforms data from retailers to render flyers, cutting production time from 12 hrs to ~1 hr.
- Decreased operator error and idle time by implementing a realtime React & Redux dashboard for flyer publishing runs.

Backend Engineer Intern, Item Data Platform ▸ Flipp

May – Aug 2018

- Owned development of new Rails microservice that monitors and reports on indexing of product data, preventing as much as 45% of weekly failures.
- Migrated the monolith item data indexing system into microservices.

INITIATIVES

intern.plus ▸ Internship resource site

Ongoing project

- Designed and built a React web app with 200+ monthly users featuring a GraphQL API, E2E/visual regression testing, and a custom UI design system.

Frontend Team Lead ▸ Hack the North

Feb 2019 – Present

- Leading a major effort to increase maintainability through building a themeable, accessible component library and consolidating 7 projects that receive 32k unique visitors & 5 million requests a month.

Dev Team Lead / Junior Co-Chair ▸ Equithon

Oct 2017 – Aug 2019

Web & UX Developer ▸ TEDxUW

Apr 2018 – Oct 2019

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EDUCATION

Bachelor of Computer Science

University of Waterloo
2017 – 2022

- Human-Computer Interaction Minor
- 3.8 Major GPA
- Dean's Honour List

OPEN SOURCE

I enjoy contributing to open source projects like Shopify's **Polaris**, **GatsbyJS**, and more.

TOOLBOX

TypeScript
Python
Ruby

React
Node.js
Ruby on Rails

MobX
GraphQL
Redux
Kubernetes
Webpack/Rollup
Kafka
AWS
Figma

INTERESTS

Bouldering
Plants
Puns
Interaction Design
Baking
Soccer