Alex Xie

EXPERIENCE

Web Engineer Intern ▴ Shopify (Incoming)
- Working on the Checkout team.

Frontend Engineer Intern, Marketplace ▴ Faire
Jan — Apr 2020
- Owned implementation and user research for a new subscription program, reaching 23% adoption in a month along with a 2.1% overall GMV increase.
- Worked on core UI elements of a new marketplace aiming to provide an alternative online method to shop at local businesses.
- 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 built with TypeScript, Node, AWS, and Kafka, cutting PDF generation time from 12 hrs to ~1 hr.
- Decreased operator error and idle time by implementing a realtime React & Redux dashboard for flyer runs.

Backend Engineer Intern, Item Data Platform ▴ Flipp
May — Aug 2018
- Drove development of new Rails microservice that monitors and reports on indexing of product data, preventing as much as 45% of weekly failures.
- Migrated a monolith indexing system to a microservice architecture while integrating improvements & bug fixes.

INITIATIVES

intern.plus ▴ Internship resource site
Ongoing project
- Designed and built a React web app with 500+ monthly users featuring a GraphQL API, filtered & paginated search, and review submission.
- Developed with best practices like E2E & visual regression testing, continuous integration, and a custom component design system.

Frontend Team Lead ▴ Hack the North
Feb 2019 — Present
- Leading efforts to consolidate 7 projects (with 32k unique visitors & 5 million requests a month) into a single web app running on modern React (hooks, Suspense, code splitting).
- Improved maintainability by creating a themeable, accessible component library used across all projects.

Dev Team Lead / Junior Co-Chair ▴ Equithon
- Led dev team in a complete web & mobile rebuild.

Web & UX Developer ▴ TEDxUW
- Handled development of main event website and tooling.

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EDUCATION

Bachelor of Computer Science
University of Waterloo
2017 — 2022 (expected)
- Human-Computer Interaction Minor
- 3.9 Major GPA
- Dean's Honour List

OPEN SOURCE

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

TOOLBOX

TypeScript
Go
Python
Ruby

React
Node.js
Ruby on Rails

MobX
GraphQL
Redux
Kubernetes
Webpack/Rollup
Kafka
AWS
Figma

INTERESTS

Soccer
Bouldering
UX Design
Baking
Puns