

# Alex Xie

## EXPERIENCE

### 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

Oct 2017 – Dec 2019

- Led dev team in a complete web & mobile rebuild.


### Web & UX Developer ▸ TEDxUW


Apr 2018 – Nov 2019

- Handled development of main event website and tooling.

 alexxie.ca

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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

C++

Node.js

Ruby on Rails

React

Kubernetes

Kafka

GraphQL

AWS

Databases

Nginx

MobX

Redux

## INTERESTS

Soccer

Bouldering

UX Design

Baking

Puns