

Alex Xie

EXPERIENCE

Full-stack Engineer Intern, Digital Storefronts Flipp

May – Aug 2019 • Work

- Designed and implemented frontend dashboard for flyer runs using React & Redux, resulting in decreased operator error and idle time.
- Built and tested features with TypeScript, Node, S3/Lambda, and Kafka, reducing flyer generation time from 12 hrs to ~1 hr.
- Assisted team & product manager in creating the tech specs and architecture of a new digital publishing system.

Frontend Developer Hack the North

Feb 2019 – Present • Initiative

- Building rich web apps using React hooks, TypeScript, and other modern tech for one of the world's largest hackathons, with more than 32k unique visitors & 5m requests a month.
- Improved maintainability by creating a themeable, accessible component library used across all Hack the North projects.

Backend Engineer Intern, Item Data Platform Flipp

May – Aug 2018 • Work

- Owned development of new Rails & Kafka microservice that monitors production services, preventing around 6 indexer failures per week.
- Migrated a monolith indexing system to a microservice architecture while working on improvements & bug fixes.

Dev Team Lead / Junior Co-Chair Equithon

Oct 2017 – Present • Initiative

- Making executive decisions as chair and leading dev team in a complete web & mobile platform rebuild.
- Sole developer/designer on React & Firebase web platform.

Web & UX Director TEDxUW

Sept 2017 – Present • Initiative

- Developing event website and coordinating with design team on designs, ensuring a cohesive user experience.
- Formerly responsible for logistics & planning of 700+ participant event.

EDUCATION

Bachelor of Computer Science University of Waterloo

Sept 2017 – Apr 2022

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

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TOOLBOX

TypeScript

JavaScript

Ruby

React

Node.js

Ruby on Rails

Redux

Docker

Webpack

Rollup

Kafka

Jest

GraphQL

AWS

Figma

Adobe XD

OPEN SOURCE

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

PROJECTS

My personal projects are all built from the latest technologies, with best practices in mind.

I'd love for you to check them out on [Github](#) or [my portfolio](#)!

INTERESTS

Soccer

Bouldering

UX Design

Baking

Bad Puns