

Alex Xie

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Flipp

- may 2019 **Full-Stack Engineer Intern - Digital Storefronts**
– aug 2019 (work)
Designed and implemented frontend dashboard for flyer runs using React & Redux, decreasing operator error compared to manual tracking of runs.
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.

Hack the North

- feb 2019 **Frontend Developer**
– present (initiative)
Creating web apps for one of the world's largest hackathons, with more than 23,000 unique users & 5m requests a month.
Improved maintainability by building a reusable, accessible component library used across all Hack the North projects.

Flipp

- may 2018 **Backend Engineer Intern - Item Data Platform**
– aug 2018 (work)
Owned development of new Rails & Kafka microservice that monitors production services, preventing around 5 indexer failures per week.
Migrated a monolith indexing system to a microservice architecture while working on small features & bug fixes.

Equithon

- oct 2017 **Dev Team Lead / Junior Co-Chair**
– 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.

TEDxUW

- may 2018 **Web & UX Director**
– present (initiative)
Developing event website and coordinating with design team on designs and user experience.

Open Source & Personal Projects

I'm a contributor to open source projects like [Shopify's Polaris](#), [GatsbyJS](#), [AWS's Go SDK](#), and more.

My personal projects are all built with best practices and maintainability in mind as well. I'd love for you to check out my Github or my portfolio!

Proficiencies

TypeScript
JavaScript
Ruby
Python

React
Node
React Native
Ruby on Rails

Redux
Firebase
SQL
Kafka
GraphQL
AWS

Figma
Adobe XD

Education

University of Waterloo
Computer Science
Human-Computer
Interaction Minor
2017 - 2022 (junior)
3.9 major GPA
Dean's Honour List

Interests

Soccer
UX Design
Bouldering
Baking
Technology
Puns