Alex Xie

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Flipp

may 2019 – aug 2019 (work)

Full-Stack Engineer Intern - Digital Storefronts

Designed and implemented frontend dashboard for flyer runs using React & Redux, reducing operator error vs manual tracking.

Built and tested features with TypeScript, Node, S3/Lambda, and Kafka, decreasing 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 – present (initiative)

Frontend Developer

Creating web apps for one of the world's largest hackathons, with more than 30k unique visitors & 5m requests a month.

Improved maintainability by building a reusable, accessible component library used across all Hack the North projects.

Flipp

may 2018 – aug 2018 (work)

Backend Engineer Intern - Item Data Platform

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 improvements & bug fixes.

Equithon

oct 2017 – present (initiative)

Dev Team Lead / Junior Co-Chair

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 – present (initiative)

Web & UX Director

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!

Education

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

Proficiencies

TypeScript
JavaScript
Ruby
Python

React
Node
React Native
Ruby on Rails

Redux
Firebase
Kafka
Jest
GraphQL
AWS

Figma
Adobe XD

Interests

Soccer
UX Design
Bouldering
Baking
Technology
Puns