Alex Xie

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Flipp

may 2019 – aug 2019

Full-Stack Engineer Intern - Digital Storefronts

Designed and implemented frontend interface to display flyer runs using React, Redux, and WebSockets.

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 architecting the tech specs and structure of a new digital publishing system.

Hack the North

feb 2019 – present

Frontend Developer

Building experiences for one of the world's largest hackathons, with more than 23,000 unique users & 5m requests a month.

Using React Hooks and TypeScript to develop multiple web applications, a reusable component library, and a frontend API.

Flipp

may 2018 – aug 2018

Backend Engineer Intern - Item Data Platform

Owned development of new Rails & Kafka microservice that monitors performance of production services.

Migrated a monolith indexing system to a Ruby & Scala microservice architecture, while triaging failures and implementing fixes/improvements.

Equithon

oct 2017 – present

Dev Team Lead / Junior Co-Chair

Making executive decisions & leading dev team in complete platform rebuild.

Sole developer-designer on frontend of preview, landing, & dashboard sites built with React + Firebase.

TEDxUW

may 2018 – present

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.

I have many personal projects that are 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
React
Node
React Native
Ruby
Ruby on Rails
C++

HTML/CSS
GraphQL
SQL & noSQL
Firebase
AWS
Redux
Kafka

Figma
Adobe XD

Education

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

Interests

Soccer
UX Design
Bouldering
Baking
Technology
Puns