

alex xie

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proficiencies

javascript
ruby
c++

react.js
ruby on rails
react native

REST / graphql
css frameworks
jest / enzyme
redux
kafka

databases
git & vcs

education

university of
waterloo

bachelor of
computer science
2017 - present
3.9 major gpa

recognition

dean's honour list.
McLamore
Foundation
scholar.
DEL F B1 french
certification.

interests

soccer
bouldering
ux design
open source
volunteering
puns

experience

Flipp Corp.

May 2018 - Aug 2018

Software Engineer Co-op — Item Data Platform Team

- owned development of new Rails microservice that monitored production services by consuming Kafka topics and producing Datadog metrics
- migrated key legacy systems to a Ruby & Scala microservice architecture
- contributed to codebase that generates 75k+ impressions/day by adding validation & triaging abrupt indexer failures, amongst other improvements

Equithon

Oct 2017 - Present

Junior Co-Chair / Dev Team Lead (former Developer / Ops Coordinator)

- coordinating and developing codebase of web and tech platform for 2019
- making executive decisions and overseeing members to improve upon 2018
- managed details and logistics of scaling up 2018 event to 400+ attendees

TEDxUW

May 2018 - Present

Web & UX Director (former Logistics Manager)

- working on complete rebuild of website and other development initiatives
- collaborating with Design & Marketing to form cohesive branding and identity

projects

Equithon Platform

TypeScript / React / Redux / Firebase / Gatsby

Landing page, main site, profile site, and backend for Equithon 2019.

- developed and designed dynamic landing page and main site individually
- creating single page dashboard app personalized to each attendee
- building out the platform with longevity/scalability in mind through educated database design, visual regression testing, and reusable UI components

alexieyizhe.me

JavaScript / React / Gatsby / Jest / GraphQL

Personal website built from scratch.

- mobile-friendly, modern design with microinteractions and responsive UI/UX
- incorporates best practices (CI, testing, SoC, etc) for better maintainability

EQScanner

TypeScript / Ionic / Meteor / MongoDB

Mobile tool used by 80+ volunteers to check-in 450+ attendees in real time.

Easy Recipeasy

Ruby / Rails / MySQL / Selenium / Bootstrap / APIs

Web app with recipes from Edamam API, Flipp deal search, and user profiles.

WATBus(should I take?)

Python / Flask / Wit.ai / APIs

Chatbot that provides users with location-aware live transit info using NLP.

extracurriculars

Faculty of Mathematics

Nov 2017 - Present

Computer Science Representative / Senior Math Ambassador

Waterloop

Apr 2018 - Aug 2018

Sponsorship Team Member