

alex xie

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proficiencies

javascript
ruby
python

react.js
ruby on rails
angular.js
ionic.js
meteor.js

html / css
databases
kafka
git

education

university of
waterloo //
bachelor of
computer science
class of 2022

94% major avg.
3.9 gpa.

recognition

dean's honour list.
McLamore
Foundation
scholar.

DELF B1 french
certification.

president's
scholarship.

faculty of math
merit scholarship.

interests

soccer
bouldering
ux design
volunteering
puns

experience

Flipp Corp.

May 2018 - Aug 2018

Software Engineer Co-op — Item Data Platform Team

- owned development of new Rails microservice that uses JRuby to consume from Kafka topics and join streams in order to monitor systems on production
- migrated key legacy systems to a Ruby & Scala microservice architecture
- contributed to existing codebase that generates 75k+ impressions/day; added validation and triaged abrupt indexer failures amongst other improvements

Equithon

Oct 2017 - Present

Junior Co-Chair / Development Team Lead

- coordinating all development of web and tech platform for event in 2019
- directing and working with other leads and teams to improve upon last year's event

Operations Coordinator / Developer

- managed details & logistics of Waterloo's largest social innovation hackathon
- responsible for scaling up event to accommodate 400% increase in attendees

projects

Equithon Platform

JavaScript / React / Redux / Firebase / Gatsby

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

- built mobile-responsive landing page with mailing list signup individually
- utilizing Firestore, Auth, and Redux for a personalized profile for all attendees
- collaborating with other developers and designers to form cohesive site identity

alexieyizhe.me

JavaScript / React / Gatsby / GraphQL

Personal portfolio website built from scratch.

- modern design built on self-contained, animated, and styled components
- microinteractions coupled with static site generation for speed and responsive UX

EQRScanner

TypeScript / Ionic / Meteor / MongoDB

Multipurpose app used by 80+ volunteers at Equithon 2018 to process 400+ attendees.

Easy Recipeasy

Ruby / Rails / MySQL / Selenium / Bootstrap / APIs

Recipe web app with Flipp deal search, user profiles, and a beautiful design.

WATBus(should I take?)

Python / Flask / Wit.ai / APIs

FB bot that uses NLP & GTFS-Realtime data to provide location-aware live transit info.

extracurriculars

TEDxUW

May 2018 - Present

Logistics Manager

- oversaw planning to ensure a positive and engaging experience for 700+ delegates

Faculty of Mathematics

Nov 2017 - Present

Computer Science Representative & Senior Math Ambassador

- elected as voting member of the faculty's student government
- organizing undergrad events & faculty tours as well as training new ambassadors

Waterloop

Apr 2018 - Aug 2018

Sponsorship Team Member

- secured vital sponsorship funds for development of Hyperloop prototype
- procured \$10,000+ by initiating and maintaining strong sponsor relationships