alex xie

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proficiencies

javascript
ruby
c++
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
sophomore (2nd) year
3.9 major 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 production services
- migrated key legacy systems to a Ruby & Scala microservice architecture
- contributed to existing codebase that generates 75k+ impressions/day by adding validation and triaging 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 site, and backend for Equithon 2019.
- developed dynamic, responsive landing page and main site individually
- utilizing Firestore, Auth, and Redux to build a personalized profile site for attendees
- collaborating with other developers and designers to form cohesive site identity

alexieyizhe.me
JavaScript / React / Gatsby / GraphQL

Personal 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 modern 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