# alex xie

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## proficiencies

javascript
ruby
c++

react
ruby on rails
react native

REST / graphQL
css frameworks
MySQL / noSQL
firebase
redux
kafka

## education

**university of waterloo**

bachelor of computer science
2017 - present
3.9 major gpa

## recognition

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

## interests

soccer
ux design
bouldering
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 to interface with 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 indexer failures, amongst other improvements

### Hack the North                                       Feb 2019 - Present
Frontend Developer
- constructing exceptional user experiences for Canada's largest hackathon
- developing frontend and interfaces to be accessible to thousands of users

### Equithon                                             Oct 2017 - Present
Junior Co-Chair / Dev Team Lead *(former Developer / Ops Coordinator)*
- making executive decisions & leading dev team in complete platform rebuild
- sole developer/designer on frontend of preview, landing, & dashboard sites
- building a modern, scalable platform by incorporating React hooks, Redux, visual regression tests, a serverless backend, HOCs, Storybook, and more

### TEDxUW                                               May 2018 - Present
Web & UX Director *(former Logistics Manager)*
- creating event website whilst coordinating with design team on UI/UX tasks

# projects

### alexieyizhe.me              *JavaScript / React / Gatsby / Jest / GraphQL*
My personal site and a great source of info for stalkers - built from scratch with best practices like responsive design, CI, testing, lazy loading, and SSR.

### EQRScanner                      *TypeScript / Ionic / Meteor / MongoDB*
A mobile tool used by 80+ volunteers to register 450+ attendees in real time.

### Easy Recipeasy          *Ruby / Rails / MySQL / Selenium / Bootstrap / APIs*
A web app with recipes from Edamam API, Flipp deal search, and user profiles.

### Independent Work                  *Various web technologies / C++*
My passion is writing code. Whether it's contributing to open source, a waste lookup tool, 2-player tetris, or Easy Recipeasy, it can all be found on my Github.

# extracurriculars

### Faculty of Mathematics                              Nov 2017 - Present
Computer Science Representative / Senior Math Ambassador

### Waterloop                                           Apr 2018 - Aug 2018
Sponsorship Team Member