

alex xie

alexieyizhe.me
alexieyizhe in |
519-991-1828
alexieyizhe@gmail

proficiencies

javascript
ruby
python

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

HTML
CSS
SQL
Git

education

University of
Waterloo //
bachelor of
computer science.
94% major avg.
3.9 gpa.

recognition

dean's honour list.
mclamore
foundation
scholar.
DEL F B1 french
certification.
president's
scholarship.
faculty of math
merit scholarship.

interests

soccer
hackathons
volunteering
games
puns

Work

Flipp Corp.

May - Sept 2018

Software Engineer Co-op — Indexing & Item Data Platform

- responsible for indexing and analyzation of merchant items and flyers
- assisted in migrating key systems to a Ruby & Scala microservice architecture
- led development of new microservice to monitor entire indexing process
- reduced item error percentage by 23% and increased responsiveness by 11%

Projects

alexieyizhe.me

JavaScript / React / Gatsby / GraphQL

Personal portfolio/blog site built from scratch

- built upon cohesive components with styled-components and react-pose
- responsive design with static site generation for speed and improved UX

EQRScanner

TypeScript / Ionic / Meteor / MongoDB

Official app of Equithon 2018 designed as a tool for volunteers

- implemented QR code check-in, shift schedule, and user authentication
- used by 80+ Equithon 2018 volunteers to process over 450 attendees

Easy Recipeasy

Ruby / Rails / MySQL / Selenium / Bootstrap / APIs

Cooking web app with multiple recipe discovery tools

- fluid page layouts with user profile functionality and recipe search
- Flipp deal search from site scraping with Selenium Webdriver & Nokogiri

WATBus(should I take?)

Python / Flask / Wit.ai / APIs

FB Messenger bot allowing quick and easy access to GRT transit info

- natural language processing and multiple functions for ease-of-use
- parses GRT API's GTFS Protocol Buffer data and location for realtime updates

Experience

Equithon

Oct 2017 - Present

Junior Co-Chair / Development Team Lead

- coordinating all software development of the 2019 iteration of Equithon
- taking charge and working with other leads to innovate upon last year's event

Operations Coordinator / Developer

- managed all logistics of Waterloo's largest social innovation hackathon
- responsible for scaling up event to accommodate 400% increase in attendees
- created EQRScanner as part of contribution to development team

TEDxUW

Apr 2018 - Present

Logistics Manager / Software Developer

- coordinating details of event with expected attendance of 700+ delegates
- sole developer on registration and event app being used at TEDx event

Waterloop

Apr 2018 - Present

Sponsorship Team Member

- securing vital sponsorship funds for development of Hyperloop prototype
- maintain strong relationships with sponsors and networking individuals

Faculty of Mathematics

Nov 2017 - Present

Computer Science Representative / Senior Math Ambassador

- elected as voting member of the faculty's student government
- supervising undergraduate events as well as training of new ambassadors