# ERICK ZHAO

47, 3e Avenue S, Roxboro, QC, Canada
erick.zhao@mail.mcgill.ca
514-679-1996

http://linkedin.com/in/erickzhao
http://erick.zhao.github.io
http://github.com/erickzhao

## Education

**B. Eng. Software Engineering -** McGill University, Montreal, QC *Sep 2015 - Dec 2019*
- J.B. Woodyatt Scholarship 2017 (academic excellency over the school year)
- Dean's Honour List 2017 (top 10% of students)
- Cumulative GPA: 3.70/4.0

## Work Experience

**Ubisoft Montreal - Web Developer Intern** *Jan 2017 - Aug 2017*
- Built admin tool in AngularJS with Typescript and LESS to improve flow for live operations for multiple AAA titles, saving 10 man-hours per week and improving player experience for millions of daily users
- Improved existing ASP.NET REST API (creation of new endpoints, bug fixes, unit tests, refactoring)
- Maintained SQL Server database and implemented Redis database connected to API

**Guiker - Front-end Developer Intern** *May 2016 - Aug 2016*
- Developed front-end for single page web-app with AngularJS

## Projects

**Ballr (McGill CodeJam 2017 entry)** - https://devpost.com/software/ballr-9v21gh/ *Nov 2017*
- Developed a data-driven analytics tool to help basketball coaches draw out timeout plays with ReactJS and scikit-learn
- McGill CodeJam 2017 2nd place overall winner (1st place in sports category)

**invite-contributors (Github App) -** https://probot.github.io/apps/invite-contributors *Oct 2017*
- Automatically invite users to a GitHub organization whenever they get a pull request merged using the GitHub Probot framework in NodeJS
- Continuous deployment to cloud with Heroku and TravisCI, error tracking with Sentry.io

**Lego EV3 Robot Design -** part of Design Principles and Methods class *Oct 2016 - Dec 2016*
- Programmed robot in LeJos framework in Java to move, avoid obstacles, and pick up objects
- As Software Team lead, managed codebase and delegated roles for team of 9 teammates

## Skill Overview

- **Programming Languages:** Javascript (ES2015+/Typescript), HTML, CSS (LESS/SASS), C#, Java, Ocaml, Python, bash, C
- **Technologies:** AngularJS, ReactJS, jQuery, NodeJS, Bootstrap, Webpack, Babel, Grunt, ASP.NET, SQL Server, Redis, Heroku, Unity, TravisCI, Ocaml, Unix, Photoshop
- **Concepts:** Version Control (Git/Perforce), REST architecture, OOP, Unit Testing, Agile development, Functional Programming
- **Spoken Languages:** English, French, Mandarin Chinese

## Extracurricular activities

**VP Communications -** McGill Electrical, Computer, Software Engineering Student Society *Aug 2017 - Present*
- Redesign and maintain departmental website and email newsletter
- Engage with student body via social media
- Graphic design for all departmental events

**Director -** McGill Game Development Student Society *Sep 2016 - Present*
- Responsible for social media, graphic design, web design, and photography
- Help plan and organize yearly Game Jam with over 150 attendees