

Jeffrey Wang

Systems Design Engineering

(647) 929-2870
✉ j699wang@uwaterloo.ca
🔗 jeffwang13.github.io
📄 github.com/jeffwang13

A passionate and fun-loving developer always striving for the best solution to a problem.

PROJECTS

- **LyricCat (Node.js)**
 - Musical Facebook chatbot that can tell you the lyrics of a song given a name and artist
- **Neon Hex (Java Swing)**
 - Java hex game using JFrame and JPanel with AI utilizing the Minimax Algorithm
- See more at: jeffwang13.github.io/projects

TECHNICAL SKILLS

Experienced

- Java
- Ruby on Rails
- Swift 3
- JavaScript ES6

Comfortable

- C++
- React.js/Redux
- Node.js
- SQL

HACKATHONS AND AWARDS

WearHacks SickKids Hospital Challenge **1st Place**

- Created TrakRecord, an Android app designed as a companion for walkathon participants
- Won \$20K in support for further development

Accelerator Centre Game Design Camp **3rd Place**

- Wrote Plan-It, a one-button planet building game designed for large format Christie screens

Jane Street Electronic Trading Hackathon **7th Place**

- Developed a trading bot to trade stocks and bonds against other bots in a simulated marketplace

DECA Ontario Provincial Competition **4th Place**

- Two time Sports and Entertainment Marketing international competitor in Atlanta and Orlando

EDUCATION

University of Waterloo **2015-2020**

- BSc in Systems Design Engineering
- President's Scholarship, 3.5 GPA

INTERESTS

- Former Chinese National Hockey Team goalie
- Ping pong, basketball, ultimate frisbee
- Played trombone for 7 years, piano, guitar

MAY 2017 to AUGUST 2017

AGILE SOFTWARE ENGINEER

TRIBALSACLE, TORONTO, ON

- Refactored Allocations React/Rails application to use Redux, implemented delayed jobs and optimized ActiveRecord queries/caching
- Diversified official NBA Alexa skill by developing new features such as the Finals game schedule
- Created RESTful API endpoints for the new Allocations Android and iOS apps
- Developed flight attendant and passenger iOS apps for in-flight purchases from scratch

SEPTEMBER 2016 to DECEMBER 2016

SOFTWARE ENGINEER

FLIPP CORPORATION, TORONTO, ON

- Developed and maintained Flyer Admin Ruby on Rails application, used to create over 200,000 digital flyers for 300+ retailers
- Enhanced consumer shopping experience by aggregating data from merchant APIs/websites for unique in-flyer details and interactions
- Onboarded over 10 new merchants into the back-end system, allowing their data to be used by all Flipp products like the popular iOS app

JANUARY 2016 to APRIL 2016

TECHNICAL SYSTEMS ANALYST

RBC FINANCIAL GROUP, TORONTO, ON

- Drove innovation by using IBM Bluemix to develop mySomeday, a cloud application that optimizes customers' budgets and promotes RBC investment products
- Improved efficiency for the entire RBC Lifesuite team by developing a Powershell script that fully automates deployments

JANUARY 2016 to PRESENT

ENGLISH TUTOR

IVYMEET, SHANGHAI, CHINA

- Built new examination and report card system adopted and used company-wide
- Develop the English skills of 3 Chinese middle school students weekly via online classroom