

# Jeffrey Wang

## Systems Design Engineering

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

## PROJECTS

- **LyricCat (Node.js, Express.js, Graph API)**
  - Musical Facebook chatbot that tells you the lyrics of a song given its 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](https://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 **1<sup>st</sup> 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 **3<sup>rd</sup> Place**

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

### Jane Street Electronic Trading Hackathon **7<sup>th</sup> Place**

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

### DECA Ontario Provincial Competition **4<sup>th</sup> 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

- Sped-up Allocations React/Rails application by over 50% through implementing delayed jobs and optimizing ActiveRecord queries/caching
- Enriched 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 using Rails
- 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
- Onboarded over 10 new merchants into the back-end system, adding 80000+ products to all Flipp platforms like the popular iOS app
- Enhanced consumer shopping experience by aggregating data from merchant APIs/websites for unique in-flyer details and interactions

**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
- Advanced 3 students' English skills 4 levels each in the curriculum via weekly online lessons