

# Jeffrey Wang

## Systems Design Engineering

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*A passionate developer proficient with Java and Ruby always striving to forge the best solution to a problem*

## PROJECTS

- **BoardScribe (Python, Django, JavaScript)**
  - Django web app that transcribes blackboard notes from a photo and eases collaboration
- **Neon Hex (Java Swing)**
  - Java hex game using JFrame and JPanel with an AI utilizing the Minimax Algorithm
- See more at: [jeffwang13.github.io/projects](https://jeffwang13.github.io/projects)

## TECHNICAL SKILLS

### Experienced

- Ruby on Rails
- JavaScript ES6
- Git/Bash
- Java

### Comfortable

- React.js/Redux
- GraphQL
- Amazon Alexa
- 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

- BAsC in Systems Design Engineering Class of 2020 at the University of Waterloo (President's Scholarship)
- Richmond Hill H.S. graduate (SAT 2270, AP Scholar with Honour, French Certificate)

## INTERESTS

- AA hockey goalie, ping pong, ultimate frisbee
- Played trombone for 7 years, guitar, piano

MAY 2017 to SEPTEMBER 2017

### AGILE SOFTWARE ENGINEERING CO-OP

TRIBALSACLE, TORONTO, ON

- Improved official NBA Alexa skill by developing new features such as finals game schedule
- Optimized Allocations React/Rails application by refactoring to use Redux, delayed jobs and strategic database queries/caching
- Created RESTful APIs endpoints for the new Allocations Android and iOS apps

SEPTEMBER 2016 to DECEMBER 2016

### SOFTWARE ENGINEERING CO-OP

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

MAY 2016 to SEPTEMBER 2016

### APPLICATION DEVELOPER INTERN

COSSETTE HEALTH, TORONTO, ON

- Developed iOS/Android app prototype to augment participant experience and interaction at SickKids Hospital Charity Marathons
- Won WearHacks SickKids Challenge with app's prototype and received \$20K in support from Cossette to bring this venture to production

JANUARY 2016 to MAY 2016

### TECHNICAL SYSTEMS ANALYST CO-OP

RBC FINANCIAL GROUP, TORONTO, ON

- Enriched RBC innovation by using IBM Bluemix to develop mySomeday, a Java 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