

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 these and more at: jeffreyw.me/projects

TECHNICAL SKILLS

Experienced

- Java (Eclipse IDE)
- C++
- Ruby on Rails
- JavaScript

Comfortable

- Bash
- Python
- HTML5/CSS
- SQL (MySQL)

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

- 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

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
- Worked in an agile environment, acting as scrum master in some daily morning scrums

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

MARCH 2013 to MARCH 2013

OFF-ICE HOCKEY CAMP SUPERVISOR

JON ELKIN'S GOALIE SCHOOLS, MISSISSAUGA, ON

- Boosted camp revenue by selling merchandise and retaining customers by encouraging them to register for our other sessions
- Managed 20 athletes in warm-up activities and taught instructional video sessions