Jeffrey Wang
Systems Design Engineering

☎ (647) 929-2870
✉ j699wang@uwaterloo.ca
🔍 jeffwang13.github.io
📷 github.com/jeffwang13

A passionate developer adept at Java and Ruby always striving to forge the best solution to a problem

PROJECTS

- **LyricCat (Node.js, Express.js, Graph API)**
  - o Musical Facebook chatbot that tells you the lyrics of a song given its name and artist
- **BoardScribe (Python, Django, Tessaract.js)**
  - o Django web app that transcribes blackboard notes from a photo and eases collaboration
- See more at: jeffwang13.github.io/projects

TECHNICAL SKILLS

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

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

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*
- Formulated and presented strategic marketing plans for sports and entertainment events

EDUCATION

University of Waterloo   2015-2020
- BASc in Systems Design Engineering
- President's Scholarship, 3.5 GPA

INTERESTS

- Ping pong, basketball, ultimate frisbee
- Listening to music (hip-hop, EDM, top 40)
- Former Chinese National Hockey Team goalie

MAY 2017 to AUGUST 2017
AGILE SOFTWARE ENGINEER
TRIBALSCALE, TORONTO, ON

- Sped-up Allocations React/Rails application by over 50% through implementing delayed jobs and optimizing ActiveRecord queries/caching
- Built flight attendant and passenger iOS apps for in-flight purchases from scratch
- 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

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

MAY 2016 to SEPTEMBER 2016
APPLICATION DEVELOPER INTERN
COSSETTE HEALTH, TORONTO, ON

- Created iOS/Android app prototype to augment participant experience and interaction at SickKids Hospital Charity Marathons
- Integrated wayfinding using Estimote beacons to help users pinpoint their location

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' monthly budgeting
- Improved efficiency for the entire RBC Lifesuite team by developing a Powershell script that fully automates deployments