# Escher Wu

cx2wu@uwaterloo.ca | 416-824-7850
http://Teakay.net

## EDUCATION

**UNIVERSITY OF WATERLOO**
3A Computer Science
Expected 2018 | Waterloo, ON

## LINKS

Github: TeakayAero
LinkedIn: escherwu

## SKILLS

**PROGRAMMING:**
C • C++ • Java • Python

**WEB:**
Javascript • HTML • CSS • PHP
Node.js • AngularJS • jQuery

**DATABASE:**
MySQL • MongoDB

**FAMILIAR:**
MATLAB • Swift • Git • Shell • Scheme

## HACKATHON

**MYO MAP** | Math+Eng Hack
March 2016 | Waterloo, ON

**TRAFOLIO** | NHacks
March 2016 | London, ON

**LEAPREVO** | WearHacks
March 2016 | Toronto, ON

**FGIP** | Fishackthon
Top 8
April 2016 | Toronto, ON

**DROP THE BEAT** | Eng Hack
Winner
June 2016 | Waterloo, ON

## WORK EXPERIENCE

**TULIP RETAIL** | Software Developer Co-op
May 2016 – August 2016 | Kitchener, ON
- Designed and developed new features for the Clienteling product, including E-mail History module with Framework 7
- Delivered the product to more than 5 customers, including Kate Spade, Saks Fifth Avenue and Bonobos
- Enhanced the performance of the back-end by rewriting and modularizing the internal API
- Optimized the database query for the product, estimated to reduced the query time by 40%
- Developed a notification bot in Shell and Python to notify the slack channel when a server is deployed
- Produced more than 6000 lines of code change, earned working experience in HTML5, CSS3, Javascript, PHP and Python

**ERICSSON INC. CANADA** | Application Developer Co-op
August 2015 – December 2015 | Mississauga, ON
- Earned working experience in Java, Javascript, SQL and RESTful API
- Involved in writing test programs and automation scripts using Casper.js, JUnit and SoapUI
- Implemented a serial number distributor to maintain the stability of the back-end in Java
- Handled server setting and deployment on Linux Virtual Machine

## PROJECTS

**EXPRESSJ** | Online Multifunctional Communication Platform
May 2016 – Present | MEAN Stack, Socket.io
- An online multi-platform communication web app where users can chat with strangers, store information and share fun with friends
- Implemented the main controller for the app using Socket.io and Express.js
- Developed a private room system in MongoDB and Javascript

**GITHUB EXPLORER** | Github Repo Recommendation
June 2016 – September 2016 | Azure, Node.js, jQuery
- A Chrome Extension for Github users to get repository recommendation based on one's profile
- Used Microsoft Azure machine learning technology to build the learning model
- Implemented the back-end and front-end in Node.js and jQuery

**COREDEVO** | Programming Team
Mar 2016 – Present
- Creator of the team, mainly responsible for idea generation, structure design and full stack development
- Participated in 6 hackathons and finished more than 10 projects
- Most of the projects can be found in http://github.com/CoreDevo