

Chuan X. Wu

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

EDUCATION

UNIVERSITY OF WATERLOO

3B COMPUTER SCIENCE
Expected 2018 | Waterloo, ON

LINKS

Github: TeakayAero
LinkedIn: escherwu

SKILLS

PROGRAMMING:

Javascript • C • C++ • Java • PHP
Python

WEB DEVELOPMENT:

HTML5 • CSS3 • React • Redux
Node.js • AngularJS • jQuery
GraphQL

DATABASE:

PostgreSQL • MySQL • MongoDB

TECHNOLOGY:

AWS • Git • RabbitMQ • Docker

FAMILIAR:

Shell • Scheme • Swift • MATLAB

GROUPS

COREDEVO DEVELOPMENT

HACKATHON TEAM
March 2016 - Present
Founder, Full Stack Developer
Finished more than 10 projects
<http://github.com/CoreDevo>

COREDEVO PRODUCTION

VIDEO TEAM
May 2017 - Present
Founder, Director, Video Editor

HACKATHONS

FGIP | FISHACKTHON

TOP 8
April 2016 | Toronto, ON

DROP THE BEAT | ENG HACK WINNER

June 2016 | Waterloo, ON

WORK EXPERIENCE

CARROT | FULL STACK ENGINEERING INTERN

May 2017 – August 2017 | Redwood City, CA

- Worked in an agile development environment with rapid iteration
- Managed with a micro-service Backend and an AWS-based infrastructure system
- Redesigned the User Management service, estimated to reduce the request time by 80%
- Re-factored and implemented new features for the Administrator Portal
- Developed a page template maker in React, Redux and Wordpress, gives non-technical people ability to create content pages on the Wordpress server
- Built the API-metrics service in Node.js, RabbitMQ and PostgreSQL, serves for storing and providing all the calculated user events data
- Earned experience in common Front-end development tools including Babel, Webpack and npm
- Researched on React Native, GraphQL and Relay, helped plan on using these technologies for future products
- Worked closely with various AWS components including Cognito, EC2, ECS, Kinesis, CloudWatch, Lambda, S3 and API Gateway

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 Backend by rewriting and modularizing the internal API
- Optimized the database query for the product, estimated to reduced the query time by 40%
- 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 Backend in Java

SELECTED PROJECTS

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 Azure machine learning technology to build the learning model

EXPRESSJ | ONLINE MULTIFUNCTIONAL COMMUNICATION PLATFORM

May 2016 – August 2016 | MEAN Stack, Socket.io

- An online multi-platform communication web app developed using MEAN stack with socket.io