Escher Wu

e.e.tk@hotmail.com | 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 SENSE | Full Stack Engineering Intern
May 2017 – Present | Redwood City, CA
- Work in an agile development environment with rapid iteration
- Redesigned the back-end of the User Management surface in Node.js, PostgreSQL and RabbitMQ, estimated to reduce the request time by 80%
- Implemented new features for the Administrator Portal in React and Redux
- Earned experience in common front-end development tools including Babel, Webpack and npm
- Worked with multiple AWS components including Cognito, 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 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
- 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

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

BLADE | Two players card game
Jan 2016 – Mar 2016 | Swift
- A card game for two players with fully self-designed rules on iOS