

Escher Wu

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<http://Teakay.net>

EDUCATION

UNIVERSITY OF WATERLOO

3A COMPUTER SCIENCE
Expected 2019 | Waterloo, ON

LINKS

Github: TeakayAero
LinkedIn: escherwu

SKILLS

PROGRAMMING:

C • C++ • Java • Python

WEB:

Javascript • HTML • CSS • PHP
NodeJS • AngularJS • jQuery

DATABASE:

MySQL • MongoDB

FAMILIAR:

MATLAB • Swift • Git • Shell

HACKATHON

MYO MAP | MATH+ENG HACK

Myo Armband • Swift
March 2016 | Waterloo, ON

TRAFOLIO | NHACKS

MySQL • PHP • Python • Swift
Bootstrap • jQuery
March 2016 | London, ON

LEAPREVO | WEARHACKS

Leap Motion • Unreal • Node.js
March 2016 | Toronto, ON

FGIP | FISHACKTHON

TOP 8 AMONG ALL TEAMS
Swift • MongoDB • Node.js
April 2016 | Toronto, ON

DROP THE BEAT | ENG HACK

RUNNER-UP WINNER
Objective C++ • OpenCV
June 2016 | Waterloo, ON

WORK EXPERIENCE

TULIP RETAIL | SOFTWARE DEVELOPER CO-OP

May 2016 – August 2016 | Kitchner, ON

- Designed and implemented new features for the Clienteling product using Framework 7
- Developed a full stack implementation of the Email History module in MySQL, PHP, jQuery, HTML5 and CSS3
- Improved the functionality of the Internal API and Followups API
- Wrote several database migration scripts to enhance the database structure
- Wrote a deployer notification script on company's hackday in Shell, Python and Slack API, which will notify the slack channel if a server is deployed
- Produced more than 4000 lines of code change

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
- 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

EVEN MORE GITHUB | ENHANCE YOUR GITHUB EXPERIENCE

June 2016 – July 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

BLADE | SELF-DESIGNED CARD GAME

January 2016 – February 2016 | Swift

- A self-designed card game developed for iOS platform in Swift
- Enhanced and balanced the gameplay by doing statistics testings

COREDEVO | HACKATHON TEAM

Mar 2016 – Present

- Creator of the team, mainly responsible for idea generation, structure design and back-end development
- All projects can be found in <http://github.com/CoreDevo>