John Wu

Passionate for software development, but always willing to try something new. Appreciate close relationships, but always willing to meet someone different. The best leaders know a bit about everything and can talk to everyone - that is what I strive to be.

EDUCATION

COMPUTER ENGINEERING - MCGILL UNIVERSITY

SEPTEMPER 2014 TO PRESENT

WORK EXPERIENCES

SOFTWARE DEVELOPER COOP - MXI TECHNOLOGIES

MAY 2016 TO PRESENT

Working on the Custom Software Integrations team for the Southwest Airlines project. Designing new RESTful style API's using Java/SQL and implementing Oracle Pub/Sub frameworks to trigger endpoint services. Also responsible for bi-weekly release management activities.

CO PRESIDENT - DECA MCGILL

MAY 2015 TO PRESENT

Improved the branding of the organization by designing a new logo and website. Completely restructured the executive team to limit hierchy and promote collaboration. Previously VP Communications.

CO PRESIDENT - MCGILL ENGINEERING JUNIOR COUNCIL

SEPTEMBER 2014 TO MAY 2016

Organized events for freshman students including McGill's first annual engineering conference with over 100 participants. Previously VP Events.

PROJECTS

UNI.ON IOS APPLICATION

Built a social networking application which aims to improve the nightlife experience of university students. Used AWS Lambda, DynamoDB, Cognito, and API Gateway to create the infrastructure for the app which is being implemented using Swift (IOS) and Java (Android).

AUGMENTED REALITY PONG - HACK HARVARD

Used the Orion Leap Motion to recreate an augmented reality version of the classic pong arcade game through JavaScript and the Leap Motion API.

A LA CARTE - HACK THE NORTH

Used a Sails (Node.js) framework along with the Google Maps and Yelp API to create a web application that enables users to search for restaurants on route between two locations.

CIRCUIT SIMULATOR ANDROID APP - CAL TECH HACK

Created image recognition API's using the Wolfram Language which was then used to develop an Android application that was able to do basic nodal analysis of a circuit when given a photo of its schematic diagram.

FLOAT RIDESHARE - TRAVEL HACKATHON

Built a Django Web Application using Python and SQL that allowed users to arrange long distance rideshares with each other.

CONTACT
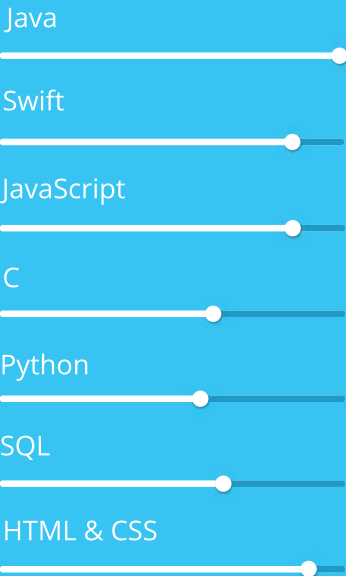
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📍 #302 - 320 Sherbrooke O, Montreal, QC

FRAMEWORKS

LANGUAGES

Java

Swift

JavaScript

C

Python

SQL

HTML & CSS

ACHIEVEMENTS

2015 - McGill Eng Competition 1st Place

2014 - Skills Canada 1st Place (Regional)

2014 - High School Valedictorian

2014 - BC Provincial Scholarship

2013 - BC Young Innovator Scholarship