

# 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  
SEPTEMBER 2014 TO PRESENT

## WORK EXPERIENCES

SOFTWARE DEVELOPER COOP - MXI TECHNOLOGIES  
MAY 2016 TO DECEMBER 2016

Worked on the Custom Software & Integrations team to implement custom patches to a core airline maintenance planning system for Southwest Airlines. Designed new REST API's using Java/SQL with JAX-RS. Developed Oracle Pub/Sub frameworks to trigger system events. Packaged software for bi-weekly releases to client - part of the agile process.

CO PRESIDENT - DECA MCGILL  
MAY 2015 TO DECEMBER 2016

An organization which promotes professional development skills through case competitions, delegate training, and workshops. Improved the branding of the club by creating a new logo. Redeveloped the webapp using a Sails.js framework stack. Designed graphics for events and delegate packages. Restructured the executive team to limit hierarchy and promote collaboration. Previously VP Communications.

CO PRESIDENT - MCGILL ENGINEERING JUNIOR COUNCIL  
SEPTEMBER 2014 TO MAY 2016

Student committee under the McGill Engineering Society aimed towards organizing events for freshmen students. Recruited, managed, and mentored an executive team of upcoming first year engineering leaders. Organized both social and academic events including McGill's first annual engineering leadership conference . Previously VP Events.

## PROJECTS

UNI.ON IOS APPLICATION

A social networking application developed using Swift which aims to improve the nightlife experience of university students. Allows users to plan nights out with friends by browsing through a list of current events through an AWS backend. As an alternative, users can also explore the list of events on an interactive map.

AUGMENTED REALITY PONG - HACK HARVARD

A Javascript web application that adds an augmented reality twist to the classic arcade game, Pong. By using the Orion Leap Motion, users can use hand motions to move the paddles instead of the basic keyboard controls.

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

An on-going project that aims to take a photo of a circuit schematic and does basic nodal analysis of the elements. The image recognition of individual circuit elements are processed using an API built with the wolfram language and wolfram cloud deploy.

FLOAT RIDESHARE - TRAVEL HACKATHON

Float Ride Share is a Django web application that allows passengers to input their long distance road trip details and match them up with drivers who are offering rides.

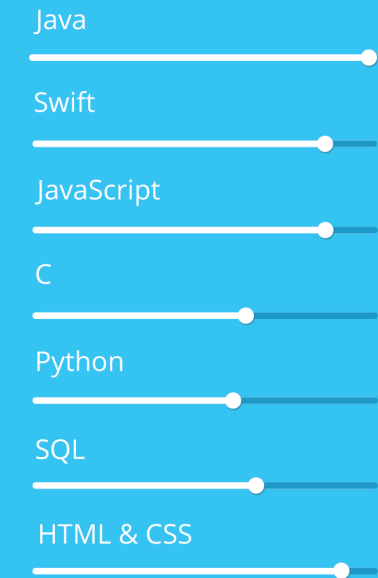
## CONTACT

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## FRAMEWORKS



## LANGUAGES



## 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