

Jonathan Wu

28 Green Meadows Circle
M2J 5G7
North York, ON

☎ 416-888-5198
✉ contactme@jonathanpwu.com
🌐 JonathanPWu.com
🔗 wuwica

Experience

U-Help Foundation

Summer 2017

Lead Web Designer and Developer | **HTML, CSS, jQuery, PHP, Adobe Ps & Ai**

- Prototyped and illustrated various wire frames, graphics, and functionality to help client envision the entirety of their ideal website.
- Ensured mobile and major browser compatibility through responsive design of website.
- Developed custom WordPress theme from scratch to enable the client to easily modify web content.
- Provided user training to ensure the client can be self-sufficient to administer and update the website.
- Conducted unit/functionality testing on all aspects for the user interface and experience.

Ontario Teachers' Pension Plan

Summer 2015 & Summer 2016

Information Technical Analyst | **Java, VBA**

- Generated a significant time savings for team leads by independently designing, programming, and implementing a scheduler application that streamlined and automated a manual timetable creation process.
- Reduced incoming printer installation service requests significantly by constructing a printer installation program with Java, giving clients a visual and intuitive interface for printer installation.
- Created VBA Excel Macros for the HR department, streamlining the hiring process and increasing productivity.
- Ensured problems and processes were appropriately documented. Recorded problems, solutions, FAQs, and tips & tricks into the knowledge base and support sharing of known issues with teammates and clients.

Education

Bachelors of Science, Honours Computer Science

August 2018

Minor, Economics

Wilfrid Laurier University

Notable Classes Taken

BU111 – Understanding the Business Environment, **BU121** – Functional Areas of the Organization, **CP213** – Object-Oriented Programming, **CP317** – Software Engineering, **CP363** – Databases, **CP372** – Computer Networks, **CP386** – Operating Systems, **CP469** – iPhone Application Programming, **CP460** – Applied Cryptography

Passions

Projects

Fully Modular Keyboard

SPI Keyboard Modules | **Arduino**

Designed and prototyped keyboard modules which connect to each other via magnetic connectors additionally established the embedded code for SPI protocol.

DIY Electric Skateboard

Raspberry PI Wireless Electric Skateboard | **Python**

Created an electric skateboard from the ground up, everything from gluing veneer layers together to programming the speed controller and Bluetooth remote.

WealthBeing

Money Saving WebApp | **Ruby on Rails, HTML, CSS, jQuery**

Developed the entire front-end as well as implementing the rounding off of credit card spending's and depositing it into a WealthSimple investment account.

Robocop

License Plate Recognition Software | **C++, Swift**

Assisted team with implementation of opencv in iPhone app with REST, in addition to aiding in developing the UI.

Aura

Consumer Telepresence IOT Device | **Arduino, Swift**

Mentored team on using Swift and aided in implementing Core Motion into the app.

Skills

Languages :

Java, C, Python, HTML, CSS, JS, Swift, SQL

Tools and Software :

Adobe Photoshop & Illustrator, Eclipse, XCode, Git, CAD Software, EAGLE, VirtualBox, VMware, Office365

Interests

Hobbies :

Mech Keyboard enthusiast and community member
Built and avid user of a 3D printer
Part of a maker community/space
Top 1% of League of Legend and CSGO players

Awards :

1st place at Hack the Night Away for 'Robocop'
2nd place at Hack the 6ix for 'Aura'
Finalist in WealthSimple workshop for 'Wealthbeing'
Duke of Edinburgh Silver award recipient
Certified National Lifeguard