

JONNY LI

DEVELOPER

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Skills

HUMAN LANGUAGES

English
Mandarin
Japanese

PROGRAMMING LANGUAGES

Python
C#
Java
JavaScript
Ruby

TECHNOLOGIES

Git/Mercurial/SVN
HTML/CSS
Bootstrap
MySQL
MongoDB
jQuery
Node.js
Ruby on Rails
PostgreSQL
Heroku

Education

University of Toronto

HBSc Computer Science - Expected Graduation 2020
HBA Linguistics - Expected Graduation 2020

University of Tokyo

Foreign Exchange from September 2018 to August 2019

Employment

Meryeself - ミライセルフ株式会社
Software Intern

Tokyo, Japan
Sept. 2018 to Aug. 2019

- Utilized **Ruby on Rails** and **PostgreSQL** to maintain and develop **mitsucari**, an artificially intelligent job matching service.
- Utilized **jQuery**, **SASS** and **Bootstrap** frameworks to develop front end of website.

Projects

jp-bot

Apr. 2016 to Current

- Created a Discord chat bot made for a Japanese language learning community server, with web search and moderation features
- Utilized **Python**, **asyncio**, and **Discord API** running on **Heroku** to create Discord bot
- Implemented chat moderation features, with **MongoDB** and **Motor** to track user information
- Implemented web dictionary search commands by using **Jisho API** and scraping web pages using tools such as HTML parsers like **lxml**
- Created website to track statistics using **Flask**

MCDawn

Summer 2012 to Spring 2013

- Programmed a Minecraft Classic server software in **C#** with hundreds of users online playing everyday
- Worked with Minecraft Classic server protocol to implement fundamental server
- Utilized **MySQL** to track block edit history, user data, map data, etc to allow undo features, zone permissions, moderation features, etc
- Created a website with **PHP**, **Bootstrap**, and **MySQL** to track online server status and moderate inter-server bans

uoft-scheduler

Sept. 2016

- Created a scheduling dashboard web app for UofT students at **Hack the North 2016**
- Designed interface with **Bootstrap** and **jQuery**, and back end using **node.js**
- Utilized **Google Maps API** to draw maps and directions for distances and times between classes
- Utilized **Cobalt API** to retrieve information about the university, such as buildings, courses, etc.

Awards

University of Waterloo · **Canadian Computing Competition - Certificate of Distinction** Feb. 2015

- Scored in the top 25% of contestants in the Senior Canadian Computing Competition. Also received in 2013 and 2014.

Japan Foundation · **Japanese Language Proficiency Test - N1**

Dec. 2017

Activities

University of Toronto Japan Association · **Webmaster**

Oct. 2016 to Aug. 2018

- Helped run events such as festivals and language exchanges to promote and facilitate culture and language exchange between Japanese and Canadian students
- Managed and maintained a **Wordpress** website, utilizing **HTML/CSS** to stylize themes and structure page content