

JONNY LI

DEVELOPER

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Summary

Computer Science and Linguistics student at University of Toronto. Zealot for all things programming and language. Would love to be able to combine skills and knowledge in both areas to work in areas such as NLP some day.

Skills

HUMAN LANGUAGES

English
Mandarin
Japanese

PROGRAMMING LANGUAGES

Python
C#
Java
JavaScript
PHP

TECHNOLOGIES

Git/Mercurial/SVN
HTML/CSS
Bootstrap
MySQL
MongoDB
Flask
jQuery
Node.js
AngularJS

Education

University of Toronto

HBSc Computer Science - Expected Graduation 2019
HBA Linguistics - Expected Graduation 2019

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 basic Discord bot
- Implemented chat moderation features, with **MongoDB** to track user information
- Implemented web dictionary search commands by scraping web pages using tools such as **Regex** and HTML parsers like **lxml**

MCDawn

Summer 2012 to Spring 2013

- Programmed a Minecraft Classic server in **C#** with hundreds of users online playing everyday
- Utilized **TCP** and Minecraft Classic documentation 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** and **MySQL** to track server status by receiving web requests with server data in intervals when it was online

uoft-scheduler

Sep 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.

Inquiry Vancouver

Summer 2014

- Created a website for a single day conference held in Vancouver for high school students built by high school students aspiring to go to medical school.
- Utilized **HTML/CSS**, **jQuery**, **PJAX**, **Bootstrap** frameworks to design front end
- Utilized **PHP**, **Memcached**, **MySQL** on **Heroku** to create the back end
- Worked with **Paypal API** for registration purposes

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.

Activities

University of Toronto Japan Association · Webmaster

Oct 2016 to Current

- 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

Inquiry Vancouver · Creative & IT Director

Summer 2014

- Curated a large scale student-run medical conference with focus in medical research field for aspiring young high school students to participate and gain insight into this career
- Created, designed, and maintained front and back end of Inquiry Vancouver website using modern web technologies

Operation Med School · Webmaster

Summer 2013

- Created website for one of the first student-run medical conferences with professional speakers and sponsors for avid and enthusiastic high school students wishing to attend medical school
- Managed a **Wordpress** website for information and registration purposes, utilizing **HTML/CSS** and **jQuery** to structure page content