Jonny Li

Software Engineer / University of Toronto Computer Science and Linguistics / myself@jonny.li

Experience

Software Intern - Mitsucari @ Tokyo, Japan   September 2018 – August 2019

Developed mitsucari, a website for an artificially intelligent job matching service. Utilized **Ruby on Rails, PostgreSQL, HTML/CSS, jQuery, Bootstrap, SASS**.

University Coursework - Neural network based dependency parser   October 2019

University coursework for Computational Linguistics. Created a shift-reduce dependency parser to read in a PoS-tagged sentence and create dependency arcs. Trained a neural network to determine the next best operation for the parser. Utilized **PyTorch, Penn Treebank for training data, and word2vec for word embeddings**.

Creator - jp-bot   April 2016 – Present

Developed a Discord chat bot for a Japanese language learning community that I manage, with online dictionary web scrapers and server moderation features. Created a website to display server statistics. Utilized **Python, asyncio, Heroku, MongoDB, Flask**.

Creator - MCDawn   July 2012 – April 2013

Developed a Minecraft Classic server that interacted with official game client. Implemented features such as server moderation tools, block history and undo, building tools, inter-server chat and bans, plugin support. Created a website to display list of online servers. Utilized **C#, MySQL, PHP, HTML/CSS, jQuery, Bootstrap**.

Webmaster - University of Toronto Japan Association @ Toronto, Canada   October 2016 – August 2018

Utilized **Wordpress, HTML/CSS** to manage website for university club. Organized club events such as culture festivals and language exchanges to promote and facilitate culture exchange between Japanese and Canadian students.

Workshops Lead - Neurotech UofT @ Toronto, Canada   September 2017 – April 2018

University club. Created tutorial workshops for students, such as introduction to programming (**Python**) and introduction to version control (**Git**).

Education

University of Toronto

Bachelors, Computer Science and Linguistics. Expected graduation in 2021 June.

University of Tokyo

Foreign exchange, University-wide Student Exchange Program (USTEP). September 2018 – August 2019.

Certifications

Japan Foundation - Japanese Language Proficiency Test N1   December 2017

Interests

Let's Learn Japanese - Language learning online study group

Owner of Discord server with over 4000 members. Online study group for all levels of Japanese learners, since 2016.

University of Toronto Go Club, University of Tokyo Go Club

Inspired by AlphaGo, a breakthrough project in AI research, I started playing Go in summer of 2016.