

PATRICK YOON

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EDUCATION

Northeastern University

BS Computer Science, Business Analytics Minor *GPA: 3.9*

Boston, MA

Sept 2019 - May 2023

WORK EXPERIENCE

Northeastern University Khoury College of Computer Sciences

Discrete Structures (CS1800) Teaching Assistant

Boston, MA

April 2020 - Present

- Graded weekly homework
- Held office hours for students to ask questions
- Worked along the professor

Northeastern University School of Nursing

Office Assistant

Boston, MA

January 2020 - April 2020

- Worked with a team to create a monthly newsletter
- Decided what information to display and designed the newsletter using MailChimp

Legoland Discovery Center

Front Desk Associate

Chicago, IL

May 2019 - August 2019

- Took calls and created schedules
- Handled cash and card transactions on a daily basis
- Operated a virtual reality ride

SKILLS

Programming Languages: Java, HTML/CSS/JavaScript, C/C++, Python, SQL

Industry Knowledge: Machine Learning, Bayesian Statistics, Web Development, Mobile Application

Languages: Korean

PROJECTS

Website Sentiment *Python 3, Ngrams, TF-IDF vectorizer, Naive Bayes Classification*

<https://github.com/yoonpatrick3/website-sentiment>

Allows user to input a website URL and it will output a number that represents that overall sentiment of that site.

TypeRacer Web Scraper *Java, HtmlUnit, Apache POI* <https://link.medium.com/4Tf5VKeHtU>

Extract data from TypeRacer.com and input to an Excel file to analyze possible correlations

Stumbl *HTML/CSS/JavaScript, PHP, MySQL, Datamuse API*

<https://github.com/yoonpatrick3/stumbl>

Allows users to input various preferences, such as favorite movie and music genre and finds other users with similar interests.

Kpopy *Python 3, Jupyter Notebook, Selenium, JSON*

<https://pypi.org/project/kpopy/>

Python API that gathers thousands of information on Korean Artists

VOLUNTEER/LEADERSHIP

Treasurer

Korean American Student Association (KASA)

Manage the financial end of things for KASA such as managing fundraisers, handling reimbursements, and organizing a club budget.

Sept 2020 - Present

Backend Developer

Covid Science Engine

Help develop an NLP-based algorithm that automatically extracts the most important information from papers to provide researchers with crucial information fast

April 2020 - Present