

Elly Yunjoo Hur

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Centreville, VA

Education

Georgetown University, Washington, DC
Bachelor of Arts, Computer Science

Expected December, 2022

Technical and Other Skills

Programming Languages	JAVA, Python, C++, HTML, CSS, JavaScript, MySQL
Libraries	NumPy, Pandas, Tableau, Plotly, scikit-learn
Web Framework	Flask, React
Languages	English, Korean
Legal Status	US Citizen

Relevant Coursework

Object Oriented Programming, Data Structures, Algorithms, Data Science, Distributed Systems Algorithms (Spring 2022)

Extra-curricular Activities

Georgetown Korean Student Organization	(2016-)
Georgetown Aikikai - aikido club	(2016-2017)
Georgetown Women's Water Polo Team (recreational)	(2016)

Work Experience

Incoming Expedia Software Development Engineering Intern (2022 Summer)

Tutor (2015 - 2019)
Taught students Algebra, Calculus, Physics, and Chemistry (2015 - 2018).
Taught students C++ and JAVA (2018 - 2019).

Personal Projects

V-League Info-bot (2018)
Built a program with C++ that arranges information about players in V-League (Korean Volleyball League).
Allowed volleyball fans to search about V-League players more efficiently with few key words.
Learned about how to deal with a lot of data and organize them into a program.

Movie-Tracker (2021) - <https://github.com/gjdbsw1319/Movie-Tracker>
Designed and developed a program that extracts and modifies data from TMDB API.
Used HTML and CSS to build a website, Flask to run Python scripts in HTML, and Pandas to work with large datasets.
Built a website that displays information of movies that users search and shows users' movie preferences.

School Project on COVID-19 (2021)
Collected racial datasets from COVIDtracking.com and used Python to analyze how different racial groups were impacted by the pandemic.
Learned how to apply machine learning algorithms such as Decision Tree (CART), KNN, Naive Bayes, and Random Forest.
Learned how to do fairness validation of large datasets in various processes of data-handling.