WESLEY NGUYEN

✉ wesngu28@gmail.com   in linkedin.com/in/wesngu28   ○ github.com/wesngu28

EDUCATION

University of Washington   Sep. 2019 – June 2023
Geography: Data Science   *Seattle, Washington*
Courses: GIS Database and Programming, GIS Data Management, Digital Geographies, Advanced Digital Geographies,
Geographic Information and Spatial Analysis, Geographic Information Systems Workshop, Elements of Statistical Methods,
Introduction to Machine Learning, Web Programming

Bellevue College   Sep. 2017 – June 2019
Running Start   *Bellevue, Washington*
Courses: Computer Programming I and II

WORK EXPERIENCE

Amazon Fresh   May 2021 – July 2022
Overnight Associate   *Bellevue, Washington*
- Fulfill a wide range of tasks, from stocking the store, ensuring accurate counts, to removing expired items.
- Worked closely with management to fix issues in tickets regarding proper implementation of Amazon's Just Walk Out technology at their flagship store.

Target Corporation   October 2020 – January 2021
Fulfillment Expert   *Renton, Washington*
- Ensured timely preparation of online orders for customers.
- Achieved high-performance on hourly item pick and total pick count metrics.

Newport Hills Swim and Tennis Club   March 2018 – November 2020
Lifeguard   *Bellevue, Washington*
- Ensured the safety of pool patrons and kept facility rule in practice.
- Additionally volunteered from June 2014 to July 2017 in a junior coach role to help make sure that the swim season could flow properly.

PROJECTS

Mapping Terrorism | *Mapbox, JavaScript, Sass*   April 2022 - June 2022
- Web map built with the Mapbox JS library to visualize the data within the University of Maryland's Global Terrorism Dashboard.
- Implemented much of the HTML, sass stylesheet, and header page loader, as well as the map label and symbology for each individual point.
- Hosted on Github Pages using HTML, Sass, and Javascript.

United States Vacant Housing Analysis | *Jupyter, Python, ArcGIS, SPSS*   April 2022 - June 2022
- Worked with a team in partnership with the United States Department of Urban Housing and Development to update a typology on vacant housing in the United States based on an earlier report by Raven Molloy in 2016.
- Processed and crosswalked data from the USPS, American Community Survey, Census Bureau, and NHGIS using Pandas.
- Created a report and an ArcGIS story map in order to present the information at the Geography Undergraduate Research Symposium.

RhodesAPI | *Typescript, Express, NodeJS*   June 2022
- Created a RESTFUL API deployed on Heroku for the mobile gacha tower defense game Arknights that supports GET, POST, and PUT endpoints.
- Made a web scraper using Cheerio and Playwright which stores the data in a MongoDB collection hosted on Atlas, cached with Redis.

TECHNICAL SKILLS

Languages: HTML, CSS, Javascript, Typescript, Python, R, SQL, Bash
Developer Tools: Windows, Linux Mint, VS Code, Eclipse, Docker, Jest, Jupyter, Git
Technologies: PostgreSQL, MongoDB, Redis, Bootstrap, Sass, Express, NodeJS, Flask, Markdown, ArcGIS, QGIS