

Vivian Chen

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EDUCATION

NYU Center for Urban Science and Progress

Master of Science in Applied Urban Science and Informatics

New York, NY

08/2019 - 07/2020

Macaulay Honors College at Hunter College (CUNY)

Bachelor of Arts in Geographical Information Science

New York, NY

08/2015 - 06/2019

- Minors in Computer Science and Media Studies

Member of Gamma Theta Upsilon (2019)

TECHNICAL SKILLS

- **Languages, Database Tools** Python, SQL, Snowflake, AWS S3
- **Data Visualization/Design** Looker, Tableau, Adobe (Photoshop, Illustrator), AutoCAD Map 3D
- **GIS Software** ArcMap, ArcGIS Pro, QGIS

WORK EXPERIENCE

Warner Bros. Discovery

07/2021 - Present

Data Analyst (Data Product Management)

- Create and manage dashboards to show weekly changes in user access instances of Warner Bros. Discovery assets (Snowflake, Looker)
- Distribute weekly newsletters with analyses derived from Looker dashboards
- Provide SQL code and data visualization recommendations for the internal campaign intelligence platform

Citymapper

06/2020 - 07/2021

City Operations Data Analyst (Remote)

- Researched and curated 10+ U.S. cities' public transportation data (GTFS, GBFS) for weekly app updates using GitHub, AWS, Python, YAML, SQL, OpenStreetMap, Sketch, and ZenDesk
- Wrote Python scripts to streamline data cleaning process
- Coordinated and interviewed transit enthusiasts and professionals for the U.S. 'Train Trip' Interview series

New York City Economic Development Corporation

01/2020 - 05/2020

Transportation Intern (Planning Department)

- Analyzed residents' MTA travel patterns through predicting trip origin and destinations by using publicly available data, Python, and Excel
- Standardized bathymetry data and spearheaded GIS database creation for NYC waterfronts under NYCEDC jurisdiction using ArcMap and AutoCAD
- Conducted social media research surrounding COVID-19 impacts on the food and trucking industry

New York City Department of Transportation

GIS College Aide (Asset Management Unit)

03/2018 - 02/2020

- Built and maintained geodatabases through customized scripts using Python, SQL, and VBA
- Created and updated maps and metadata of NYCDOT assets through ArcMap, ArcCatalog, and QGIS
- Generated dashboards using MS Excel and MS Access for data visualization and projection analysis
- Designed an MS Access database to track seating arrangements for all DOT floors within the 55 Water St. building to streamline the agency's emergency preparedness procedures

VOLUNTEER EXPERIENCE

Code[It] Studios

08/2020 - 06/2022

- Teach children ages 6-10 introduction to STEM projects and coding courses using Scratch Jr.