

JINYANG LIU

Jersey City, NJ | jl14310@nyu.edu | (551) 344 -1565

EDUCATION

New York University, New York, NY

Expected May 2024

Master of Science in Data Science

Current Coursework: NLP with Representation Learning, Machine Learning in Finance

College of William and Mary, Williamsburg, VA

September 2018 – December 2021

Bachelor of Science in Standard Mathematics, Minor in Computer Science

Cumulative GPA: 3.84/4.00; Major GPA: 3.90/4.00

Coursework: Databases, Data Visualization, Machine Learning, Linear Algebra, Statistics, Probability, Statistical Data Analysis, Numerical Analysis, Operations Research Stochastic Models

TECHNICAL SKILLS

Coding Languages: Python, SQL, R, C++, C, HTML, CSS

Software and Tools: Tableau, MS Office, MATLAB, Latex

RELEVANT EXPERIENCE

DisinfoLab | Williamsburg, VA

Technical Analyst

June 2021 – August 2021

- Developed an automated data collection code using Python and Twitter API to collect and clean inauthentic Twitter accounts information and their activity
- Fetched and fed 20,000 data points in 2 weeks to the team's machine learning model
- Performed sentiment analysis on tweet texts with NLTK, the natural language processing library

AidData Transparent Development Footprint Team | Williamsburg, VA

Senior Research Assistant

October 2019 – May 2021

- Researched and collected data on underreported Chinese overseas development finance programs. Wrote analysis reports on the financing and the implementation of each project
- Compiled and quality assured the data of 985 projects into the team's database, covering 23% of the projects towards Southeast Asia
- Collaborated with a team of 25 with weekly meetings and reports

ACADEMIC PROJECTS

Interactive Maps of Famous Artworks (python, HTML, Tableau)

April 2021

Web scraped and cleaned the data of 300 artworks; Designed a website with interactive maps to show their details and locations in popups

Broadway Earnings Data Analysis (R, Excel)

November 2020

Analyzed and built a stepwise regression model on the data of 31,000 weeks of Broadway shows. Presented to a class of 40 and completed a paper

Relational Database Project (SQLite)

November 2021

Created a relational database to organize 50,000 sample retail data records