

William Chen

New York, NY • (646) 267-8752 • iamwill.c18@gmail.com • linkedin.com/in/iamwillc • iamwillc.github.io

EDUCATION

General Assembly, Data Science Immersive Remote

Full-time 13-Week Data Science Program

Buffalo, NY

December 2022

Binghamton University, State University of New York, School of Management

Binghamton, NY

Master of Business Administration in Business Analytics & Marketing

May 2022

Bachelor of Science in Management Information Systems

May 2021

SKILLS

Data Science: Wrangling, Visualizations, Web Scraping, Machine Learning, NLP, Time Series, Deep Learning

Tools: Microsoft Office Suite, Google Analytics, Power BI, Tableau, Python, R, BigQuery, IBM SPSS, HTML, Git

Courses: Advanced Modeling for Decision Making, Advanced Business Statistics, Database Management, Essentials of Programming, Advanced Spreadsheets, Data Mining in Marketing, Strategic Leadership, Customer Strategy Optimization, Data Driven Marketing, Data Mining & Business Intelligence, Operations Management

EXPERIENCE

General Assembly

Buffalo, NY

Data Science Immersive Student

September 2022 – December 2022

- Completed 480 hours of data science coursework composed of 6 projects and 20+ assignments utilizing various Python package for data acquisition, wrangling, visualization, and predictive machine learning algorithms
- Leveraged advanced data science analytics with supervised and unsupervised learning models to solve real-world data problems directing the project findings and recommendations to technical and non-technical audiences
- Assembled multiple machine learning models to predict the classification of thousands of Reddit comments by employing an automated data cleaning code on Pushshift's API and natural language processing algorithms

New York City Department of Transportation

New York, NY

Data Analyst Intern

June 2021 – August 2021

- Developed interactive dashboards for users across agency units for data visualization, data aggregation, trend identification, and enhanced functionality of in-house database metrics utilizing Python script and SQL queries
- Established expedited selection process of NYBPM annual data collection areas by auditing historical data and initiating analytically tailored attributes through Excel functions finalized along integration into QGIS
- Revamped and developed QAQC Python code by strategizing data identification schemes through parsing approaches outlined and visualized on Traffic Information Management System and Microsoft Excel

DataReady DFW

Dallas, TX

Data Analyst Intern

October 2020 – December 2020

- Facilitated and educated individuals on data science skills and data literacy capabilities by providing adept data insights about widespread growth in data-driven utilization by companies across various business industries
- Enhanced dashboard cross-functionality by integrating relevant data and notable KPIs utilizing Power BI for data visualization and extensive data analysis ultimately improving business intelligence and analytics processes
- Standardized Power BI dashboards by creating comprehensive templates with inputs based on varied data fields, visualizations, and filters used to improve efficiency and uniformity of overall data governance within organization

Financial Buzz Media

New York, NY

Market Research Analyst Intern

May 2019 – August 2020

- Constructed over 20+ analytical reports weekly on domestic and international companies listed on market indexes such as the Dow Jones, NASDAQ, and S&P engaging a daily audience of over 5,000+ daily viewers
- Streamlined revamps of outdated databases into dynamic, consolidated spreadsheets enhancing efficiency of company database usage including web editing directory and tag searching capabilities of news articles
- Spearheaded team meeting presentations on market and client updates weekly to team members and managers inducing and finalizing further refinement of reports advancing company profile and global presence