

Gary Yu

Lewis Center, Ohio | Yu.2413@outlook.com | 614.961.8835 | [in/gary-yu-analyst](https://www.linkedin.com/in/gary-yu-analyst) | github.com/Yu2413 | linktr.ee/yu.2413 | Work Authorization: US Citizen | Remote, Hybrid or In-Office in Columbus, Ohio

PROFESSIONAL EXPERIENCE

Data Analyst | *Ewin International Corp., Dublin, OH* | April 2023 – Present

- Built Excel-based analytical workflows using Power Query, data models, and Python-in-Excel (Anaconda) to automate descriptive statistical analysis, reducing manual labor by \$120K yearly.
- Managed and analyzed 10,000+ monthly revenue records in Excel and MySQL using star-schema dimensional models, supporting \$60K/year in revenue growth.
- Automating market research with Selenium WebDriver (Python) to track ecommerce and macro-economic trends, reducing manual effort and saving \$50K per year.
- Improved SQL performance for 100K+ operational data points by applying database normalization, SELECT tuning, and WHERE-filter optimization, cutting runtime from minutes to seconds.

Financial Data Analyst | *UCS Logistics, Urbancrest, OH* | July 2022 - November 2023

- Created Python and UiPath automation workflows (using flowchart logic) that enhanced operational efficiency for S&P 500 clients, contributing to \$1.2M/year in revenue growth.
- Wrote SSMS (SQL Server) SELECT queries to automate invoice extraction and validation for \$1.2M+ average monthly revenue at peak.
- Automated \$1.2M monthly invoicing using Excel and VBA macros ensuring 100% compliance.
- Developed UiPath bots to extract PDF data and automate 1,200 daily ServiceNow transactions, reducing manual entry errors by over 100 per day for a top-5 US financial institution.

Financial Analyst Intern | *Central Ohio Tax Company, Columbus, OH* | April 2021 - June 2021

- Produced financial reports in Excel and Drake Tax Software, generating \$15K in total client savings.

Business Analyst (BA) Trainee | *Chang and Yee LLC, New Albany, OH* | July 2020 - Dec 2020

- Streamlined asset management workflows using Excel, Access, and VBA macros, contributing to \$60K in revenue growth and \$20K/month in additional recurring orders.
-

EDUCATION

Master of Science in Geographic Information Technology (MGIST) | *The Ohio State University, Columbus, OH* | Expected 2028

- Coursework (in progress): Statistical Methods & Analytics (regression, Python, SQL, and Machine Learning) with applications to spatial data analysis and GIS workflows (ex. topography analysis).

Dual Bachelor's Degree in Economics & Political Science (Foreign Affairs) | *The Ohio State University, Columbus, OH* | 2022

- Advanced interdisciplinary research in healthcare policy, international trade, and econometrics, integrating RStudio (R), Stata, and Python for reproducible data pipelines, causal inference modeling, robustness checks, and policy translation.

PROJECTS

- **GitHub Portfolio:** Developed advanced analytical projects leveraging Excel, Python, Stata, and SQL, demonstrating regression applications.
 - **Hunger Helper:** 2nd-place Giveback Hack project, using Agentic AI to design automated meal-resource matching for food-insecure families.
 - **Economic Performance Analysis:** Explored economic impacts of population growth through regression modeling, identifying factors influencing GDP stagnation.
-

PROFESSIONAL AFFILIATIONS

Member / Speaker | ColumbusJS (Columbus JavaScript Meetup) | columbusjs.org | August 2025 – Present

- Delivered a technical presentation showcasing GIS workflows in ArcGIS Pro, demonstrating raster imagery analysis (band composites/compositions) and practical map navigation/location tools, while engaging with the Central Ohio developer community through peer discussion and networking.

Member | The Central Ohio Python Users Group | www.cohpy.org/ | May 2022 - Present

- Participated regularly in the Central Ohio Python Users Group, gaining hands-on exposure to Python-based applications, network security (e.g., Pi-hole, encryption protocols), and SaaS models through member-led workshops and collaborative discussions.

Member | TechLife Columbus | www.techlifecolumbus.com/ | May 2022 - Present

- Attended TechLife Columbus's Data & Analytics Wednesday – Using AI to Prevent Homelessness, exploring how AI and predictive analytics are applied to identify at-risk populations and allocate housing resources, while networking with professionals in data, nonprofit tech, and civic innovation.

Member | Columbus Code & Coffee | cbuscodeandcoffee.com/ | May 2022 - Present

- Regular attendee of Columbus Code & Coffee, participating in collaborative coding, peer networking, and discussions on industry trends and job search strategies in the Central Ohio tech community.

Member | Columbus Ruby Brigade | columbusrb.com | May 2022 – Present

- Active member of Columbus Ruby Brigade, participating in inclusive meetups and peer-led workshops covering Ruby on Rails, cybersecurity fundamentals, and civic technology topics (including smart-city integration).

SKILLS

Programming: Python (Pandas, NumPy, GeoPandas, Matplotlib, ArcPy), SQL (T-SQL), R (RStudio)

Data & BI: Excel (VBA, PivotTables, Power Query, Data Model), Power BI, Tableau

Databases: SQL Server (SSMS), MySQL, PostgreSQL, MS Access, Oracle SQL Developer

GIS: ArcGIS Pro/Online, QGIS; geocoding, georeferencing, Symbology Design, Map Series

GIS data formats: Shapefiles, GeoPackage (GPKG), File GDB, GeoJSON, GeoTIFF, CSV/XY Event Layers

Spatial reference workflows: Data Practices (Geospatial Data Modeling, Metadata Analysis)

Terrain analysis: CRS/datums/projections, raster & remote sensing (band composites)

Tools: GitHub, Jira, SharePoint, BigQuery

Languages: English (Fluent), Spanish (Classroom Study), Mandarin (Classroom Study), Taishanese (Native)