

TOBIN ZOLKOWSKI

Data Professional | ETL Engineering & Analytics

Madison, WI | tzolkow@pm.me

[LinkedIn](#) | [GitHub](#) | [Portfolio](#) | [Medium](#)

PROFESSIONAL SUMMARY

Data professional with expertise in building scalable ETL pipelines, automated reporting systems, and data infrastructure for multi-million dollar research initiatives. Proven track record of reducing manual processes by 25% and improving data quality by 30% through innovative Python and SQL solutions. Experienced in handling terabytes of data across healthcare, telecommunications, and academic sectors.

EDUCATION

Master of Science, Information Science | University of Wisconsin-Madison | GPA: 3.79 | Dec 2022

Bachelor of Arts, International Studies | University of Wisconsin-Madison | GPA: 3.45 | May 2020

PROFESSIONAL EXPERIENCE

Data Analyst | Indiana University School of Medicine

Medical & Molecular Genetics Department | Remote | Jul 2023 – Present

- Orchestrated ETL pipelines processing terabytes of imaging data for Michael J. Fox Foundation-funded Parkinson's Progression Markers Initiative (PPMI)
- Reduced manual data handling by 25% through secure API integration between REDCap, Laboratory of Neuro Imaging (LONI), and OpenSpecimen
- Improved data completion rates by 30% via AWS-hosted automated communication workflows for 4,000+ participants
- Developed interactive Folium geospatial dashboards optimizing participant travel logistics across 50+ research sites
- Maintained HIPAA compliance while synchronizing clinical, imaging, and biospecimen data using Python, SQL, and SQL Server Integration Services (SSIS)

Business Data Analyst Intern | Telkomsel (Indonesia's largest telecommunications company)

Jakarta, Indonesia | Jul 2022 – Sep 2022

- Contributed to analysis identifying \$340M revenue opportunity through Tableau dashboard for HVC subscriber segmentation
- Optimized ETL processes improving data processing efficiency by 30% for executive reporting
- Created automated reporting dashboards tracking KPIs and market trends

Data Manager Intern | University of Wisconsin-Madison

Madison, WI | Jun 2021 – Aug 2021

- Documented MySQL database with 500+ elements, reducing lookup time by 15% for 1,200+ users
- Streamlined FERPA-compliant data processes, decreasing data entry errors by 10%

IT Support Assistant | University of Wisconsin-Madison

Madison, WI | Sep 2019 – Apr 2021

- Managed MS Access service request database and created Excel analytics for technology usage patterns
-

TECHNICAL SKILLS

Programming & Analytics: Python (Pandas, NumPy, Scikit-learn), SQL (PostgreSQL, MySQL, MS SQL Server), Statistical Analysis

Data Engineering: ETL Pipeline Design, SQL Server Integration Services (SSIS), API Integration, Data Modeling, REDCap, Laboratory of Neuro Imaging (LONI), OpenSpecimen

Visualization & Reporting: Tableau, Looker, SQL Server Reporting Services (SSRS), Folium, Matplotlib, Seaborn, Excel (Advanced)

Cloud & Tools: AWS (Lambda, S3, Simple Email Service), Git/GitHub, SQL Server Management Studio (SSMS), Jupyter, VS Code, OpenProject

Methodologies: HIPAA Compliance, FERPA, Data Quality Management, Agile/Scrum, Secure Data Handling

CERTIFICATIONS & ACHIEVEMENTS

Google Advanced Data Analytics Certificate | Coursera 2023

Data Analyst Professional Tracks (SQL & Tableau) | DataCamp 2022-2023

Languages: English (Native), ASL (Native), French (Professional), Spanish (Limited), Italian (Elementary Reading)