

DANIEL SCARAMELLI

Data Engineer | GIS Analyst

PROFESSIONAL SUMMARY

Accomplished Data Engineer and GIS Analyst with 10+ years of experience facilitating government projects in multi-discipline teams, leading technical teams in development of custom ETL software applications to interface with legacy and modern systems of record, as well as managing projects, deliverables, and stakeholder requests.

AREAS OF EXPERTISE

Professional Skills

Data Analysis | Statistics | Project Management | Software Development | DevOps | DataOps | Agile | Data Engineering | Data Science | Data Governance | Data Architecture | Technical Training | Visualizing Data | Technical Communication

Technical Skills

SQL | Transact-SQL | Python | C# | ArcGIS suite | Microsoft Azure | Azure Data Factory | Power BI | Tableau | Boomi | UKG | Daaedo | Visual Studio | PowerShell | Data Formats | Statistical Analysis

PROFESSIONAL EXPERIENCE

Data Engineer *City of Aurora, IL (180Engineering Contractor) October 2022 - Present*

- Led creation and maintenance of ETL processes for the publication of organization data to internal and external stakeholders, as well as providing data to the public as part of the City's Open Data Program.
- Integrated cloud and on-premises services in a hybrid environment to ensure orderly delivery of data from internal and external data sources at a rate of 10 - 20 GB per day, while monitoring and troubleshooting the flow of data in automated processes.
- Conducted research into existing legacy platforms to document existing datasets, automated processes, and existing custom software to create, update, and maintain documentation and standard operating procedures.
- Lead Data & Analytics efforts on projects for systems including but not limited to: computer-aided dispatching and record management system (CAD/RMS), human resources information systems (HRIS), GIS, informational displays, customer resource management (CRM) applications, and legacy system integrations.

GIS & Asset Data Analyst *Aerotek Inc, Contractor (Client: Nicor Gas) April 2019 - April 2022*

- Reduced time required to conduct customer address verification by 95% in a six month timeframe by utilizing open-source software and Python to automate a majority of the previously resource-intensive manual verification process.
- Lead four coworkers in manual review of historical document digitization by coordinating and managing resources, maintaining a daily rate of 2,000+ scanned pages verified and updated document metadata.

GIS Intern *Village of Oswego, IL June 2015 - August 2015 and June 2016 - December 2016*

- Worked on special projects at the assignment of the IT Director/GIS Director for the Village of Oswego to make progress on long-term and/or special projects, such as maintaining tree inventory, conducting imagery analysis to extract street markings within Village limits, and creating schema documentation for existing GIS data and assets.

Geospatial Intelligence Analyst *United States Marine Corps, Fort Belvoir, VA and Camp Lejeune, NC 2D Intelligence Battalion, 2D Marine Logistics Group, May 2010 - May 2015*

EDUCATION HISTORY

Northern Illinois University, Master of Science in Data Analytics	Expected conferral December 2026
DePaul University, Bachelor of Arts in Geography w/ Concentration in GIS&T	Conferred August 2019
College of DuPage, Associates of Science, Glenn Ellyn, IL	Conferred December 2017