

MARK A. TORNGA

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EXPERIENCE

Core & Main | St. Louis, MO

Senior Manager, Data Analytics | 2023 - 2025 | Manager, Data Analytics | 2023

- **Led advanced analytics and AI capability:** Launched six production AI projects using Azure AI Foundry and OpenAI models. Flagship project generated \$1.5M in won deals at less than \$5 AI cost, earning presentation to the Board as the company's first applied AI success.
- **Built and developed high-performing analytics team:** Hired five analysts, created supervisor role, achieved 100% net retention. Empowered team members through hands-on training, mentorship, and clear development paths.
- **Delivered enterprise BI transformation:** Partnered with CFO and CIO to establish Microsoft Fabric-based Enterprise Data Warehouse feeding governed Power BI semantic models. Achieved 1,400 monthly active users across Finance, Operations, Sales, and Accounting.
- **Architected data science solutions:** Built PySpark and SparkSQL ELT pipelines, reverse-engineered 200+ D365 system tables into Silver and Gold models, implemented validation checks, anomaly detection, and schema governance.
- **Pioneered experimental AI frameworks:** Created gamified AI learning tools to accelerate adoption; automated data enrichment and cleanup using LLM-powered classification, freeing up one FTE.
- **Delivered market and operational insights:** Built multi-ERP semantic models covering Sales, Purchasing, Inventory, General Ledger, and Bids. Enabled self-service analytics and reduced ad-hoc reporting demand.
- **Advanced data culture through training:** Delivered Excel and Power BI training to hundreds of associates via live sessions, webinars, and Workday Learning; achieved 700 monthly active Power BI users.

Slalom, Inc | St. Louis, MO

Senior Consultant | 2018 - 2023

- **Delivered cross-functional analytics solutions:** Partnered with 8 unique clients across 18 engagements in financial services, communications, energy, and healthcare industries.
- **Architected data science and visualization solutions:** Partnered with VPs, CISOs, and functional stakeholders to discover business drivers and architect appropriate data solutions using Python, R, Tableau, Alteryx, and cloud platforms.
- **Developed NIST-aligned analytics frameworks:** Conducted workshops with 10 functional groups to design 22 unique risk metrics; automated collection from 16 distinct data sources into executive dashboards.
- **Drove actionable insights from data:** Reduced insurance claims backlog from 23,000 to 8,000 using SQL automation; client stated 'I don't think we could have ever gotten out from underneath this without his work.'
- **Led academic and cross-functional partnerships:** Designated 2020 Slalom-Tableau Rockstar; spearheaded a four-day Data & Analytics week with 420+ virtual attendees.
- **Won first place in 2023 Slalom Data & Analytics Hackathon:** Led team using Python, Google Maps API, BigQuery, and Tableau to deliver winning solution.

Unyson Logistics | St. Louis, MO

Manager, Business Intelligence Analyst | 2016 - 2018

- **Managed and developed analytics team:** Led recruitment, hiring, training, workload, and mentorship of 11 analysts. Designed curriculum for SQL, Excel, Tableau, and Alteryx.
- **Delivered sustainable analytic solutions:** Designed cross-docking dashboard used daily for 5+ years; worked with internal and external customers to customize visual analytics for all operating groups.

EXPERTISE

Data Science & AI: Python, R, Azure AI Foundry, OpenAI Models, LLM Applications, Machine Learning, Statistical Modeling, Experimental Frameworks

Visualization & BI: Power BI Desktop/Service, Tableau Desktop/Server, Looker, Data Storytelling, Executive Dashboards

Data Engineering: Microsoft Fabric, PySpark, SparkSQL, SQL, ETL/ELT Pipelines, dbt, Airflow, Snowflake, BigQuery

Cloud & Infrastructure: Azure, Google Cloud Platform, AWS, Docker, Terraform, REST APIs, Git/GitHub/Azure DevOps

Leadership: Team Building, Talent Development, Agile/Scrum, Cross-Functional Collaboration, Stakeholder Management

EDUCATION AND CERTIFICATIONS

Michigan State University, East Lansing, MI — Bachelor of Arts, Supply Chain Management

Saint Louis University, St. Louis, MO — Data Analytics Certification

Certifications: AWS Certified Solutions Architect - Associate (2021) • Tableau Certified Associate Consultant (2020) •

Apache Airflow Fundamentals (2021) • Microsoft Azure Fundamentals (2020)

FEEDBACK

Vice President of Finance @ Core & Main

"Mark and his team have successfully delivered six AI projects, becoming early adopters and educators in the field... His technical acumen and leadership have been instrumental in our Power BI rollout. Mark has provided learning and development opportunities for all team members, ensuring they are developing and enjoying their work."

Senior Delivery Principal @ Slalom

"You absolutely crushed it on the Security Dashboard project. To develop a board-level presentation for a \$15B company in two weeks, focused on subject matter that you were unfamiliar with, is no small feat. You have gained the trust and respect of everyone you have worked with while also expanding your own understanding of a very complex situation and organization."

Senior Principal @ Slalom

"Mark was instrumental to the work done on the Batch Analytics project, and he was the primary driver for the additional extension requested by the client. Time and time again Mark showed up to client meetings, navigated the complex business challenges, and drove the conversations to a meaningful outcome. The client landscape wasn't simple, and the expectations were high. Mark constantly adapted to the changing landscape... We were able to watch the team's backlog shrink from 23,000 active daily backlog tickets all the way down to 8k."

Senior Architect @ Slalom

"One of the most positive experiences I've had on a project. What stands out most about Mark is his poise in tough situations. His composure under pressure translated into client confidence. Mark is someone who puts people first—I've lost count of the number of times I saw him reach out to team members to help them learn and grow. If I were putting together a team for a D&A; project, there's no question I'd want it to include Mark."

Global Partner Alliance Manager @ Slalom

"Mark led a weeklong analytics webinar for one of the leading companies in STL. Originally the attendance goal was approximately 50—over 420 unique individuals attended. As a result, demand for analytics and data visualization is growing exponentially, millions will be saved in licensing costs, and the client is beginning to get more value from its data."

Solution Owner @ Slalom

"Mark is a 'true professional'—responsible, a self-starter, and an expert in his field. He is calm and confident when asked questions and presents material naturally and with ease. His ability to answer questions made him a favorite of our most inquisitive client employees. He is a great team member and always willing to help someone else."