

RUBY ISLEY

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Technical Program Manager with 5+ years of experience at the intersection of infrastructure, privacy, and ethical AI. Proven track record scaling AI Infrastructure, optimizing compute costs, and driving large-scale programs.

RELEVANT EXPERIENCE

Meta

Technical Program Manager • June 2024 - May 2026

- Owned end-to-end compute capacity infra management for Meta's Risk org (~\$118M), maintaining operational visibility across supply, demand, utilization, reliability, cost, and health for 100+ infrastructure resources while ensuring zero blockers to critical workloads
- Architected and operationalized an efficiency program and designed efficiency opportunity identification frameworks that drove \$58M in infrastructure savings and exceeded targets by 490%
- Scaled Risk's AI infrastructure 25x from 72 to 1,800 inference GPUs and 0 to 1,500 training GPUs; unblocked 3x demand over budget through implementing shared pool architecture, quota-based autoscaling, job prioritization, idle capacity reclamation, regression analysis, and driving cost attribution through capacity contracts
- Led cross-functional coordination across engineering teams for major compute transitions including workload migrations, new capacity onboarding, and hardware decommissions with zero outages or enforcement actions

Deloitte Consulting (Meta - Contract)

Strategy Consultant / Contingent Workforce • September 2021 - June 2024

- Embedded within Meta client team in Staff Augmentation role
- (*September 2021 - June 2023*) Managed 8 infrastructure data center projects across Meta's Long View Program, supporting AI/ML infrastructure provision with a senior leadership audience. Drove cross-functional TPM alignment enabling 387.5 MW of capacity delivery (2022–2023), \$1.5M/MW in cost reduction, and a 12-month build-to-provision improvement.
- (*June 2023 - June 2024*) Technical Program Management for Privacy compute capacity, ensuring physical and virtual resource sufficiency across ~50 teams. Reclaimed 3.6 MW of unused capacity (~\$34.1M), increased buffers by 220 kW (~\$2.08M), closed 92.8% of quota violations, and maintained all 27 Privacy assets within buffers via optimizations totaling 13.19 MW (~\$64.89M). Supported Long Range Planning through 2028 and drove documentation, efficiency, and automation improvements.

Syracuse University Geography Department

Public Sector Consulting Intern • July 2020 - September 2020

- Researched Smart City applications in COVID-19 response—including AI, machine learning, GIS, and predictive analytics—to support Syracuse's designation as a New York State flagship smart city

Xylem Inc.

Information Technology Intern • May 2019 - February 2020

- Led implementation of a new company-wide internal communications platform across a global workforce
- Provided IT support for 17,000+ global colleagues
- Deployed new technologies at corporate HQ and trained senior leadership on tools to support hybrid work transition

Syracuse University School of Information Studies

Machine Learning Research Assistant • November 2019 - February 2020

- Supported Professor Lu Xiao's research on propaganda detection in news media; validated accuracy of bias-identification machine learning algorithms

EDUCATION

Syracuse University

August 2017 - May 2021

- B.S Information Management and Technology in the School of Information Studies, Magna Cum Laude
- Renee Crown University Honors College Member, Recipient of the Phanstiel Scholarship for students displaying a dedication to community service

LEADERSHIP & ACTIVITIES

Inspire Inc.

Nonprofit Pro Bono Consultant • July 2020 - June 2024

Finance and PR Chapter Lead • January 2021 - January 2022

Client Development Lead • January 2022 - Current

- Executive board member of national nonprofit consultancy staffed by junior practitioners from Deloitte, EY-Parthenon, Bain & Co., and L.E.K., delivering pro bono strategy engagements
- Grew chapter membership 20% and raised \$1000+ for a local nonprofit in fundraising events
- Formalized new client procurement process, expanding the Deloitte NYC chapter new client pipeline by 17%

Refugee and Immigrant Self-Empowerment (RISE)

Volunteer • November 2018 - May 2021

- Volunteered at after-school programs for youth ages 5–18 in Onondaga County, NY supporting refugee and immigrant families in Onondaga County, NY

Soles4Souls

Lead Local Organizer • August 2014 - May 2021

- Local organizer for International nonprofit creating sustainable jobs and direct relief through shoe and clothing donations
- Collected and donated ~300 pairs of shoes as a chapter ambassador

SKILLS

- **Certifications:** Microsoft Office (Excel 2016 Certified), Microsoft Azure Data Fundamentals, UiPath AI Automator/ RPA Business Analyst/ Document Understanding
- **Technical Skills:** R, SQL, HTML, CSS, LINUX/UNIX, Systems administration, Computer networking, IT Support/ Debugging, Software implementation/ SDLC
- **Infrastructure & Capacity Management:** Compute Capacity Planning & Demand Forecasting, GPU Fleet Management, Infrastructure Resource Optimization, Quota Management & Headroom Analysis, AI/ML Infrastructure Scaling, Long-Range Infrastructure Planning, SEV Mitigation & Incident Response
- **Program & Change Management:** Large-Scale Program Management, Cross-Functional Stakeholder Management, Change Management & Org Migrations, Process Documentation & Standardization, Workstream Operationalization, Executive Communication & Reporting
- **Data Analysis & Financial Operations:** Cost Attribution Management, Utilization Data Analysis & Validation, FinOps / Infrastructure Cost Optimization, KPI Development, Efficiency Opportunity Identification & Tracking
- **Privacy & AI Ethics:** Data Privacy Infrastructure, Regulatory Compliance Program Management

PUBLICATIONS

- Isley, R. (2022). Algorithmic Bias and Its Implications: How to Maintain Ethics through AI Governance. *N.Y.U. American Public Policy Review*. <https://doi.org/10.21428/4b58ebd1.0e834dbb>