

# Marc Richardson

MANAGER, DATA SYSTEMS & PRIVACY

## Profile

Results-oriented Technical Program Manager with extensive experience leading complex infrastructure projects, data initiatives, and cross-functional teams. Demonstrated success in managing technical programs that balance security, privacy, and efficiency. Skilled in translating strategic visions into actionable roadmaps, navigating ambiguous environments, and driving adoption of new technologies.

## Employment History

### TECHNICAL PROJECT MANAGER, The University of Chicago, CS Department, Chicago, IL

SEPTEMBER 2021 — PRESENT

- Led data-sensitive infrastructure initiatives across multiple projects, including deploying edge infrastructure for network measurement that collected and secured over 140M sensitive data points from 500+ devices nationwide.
- Established data protection frameworks for the Chameleon Cloud testbed serving 12,000+ users across 1,500 projects, including policies for data management, secure access controls, and user authentication systems.
- Developed and implemented data governance policies for sensitive broadband data, ensuring compliance with privacy regulations while enabling access.
- Strategized and executed technical initiatives that enabled users to securely access and analyze datasets through controlled interfaces and anonymization.
- Created docs and data management protocols, including inventory systems, classification schemes, and retention policies for interconnected platforms.
- Implemented secured PostgreSQL database systems to sync data from AWS S3 to on-premises servers, enabling structured queries while maintaining privacy.
- Managed strategic partnerships with policymakers, research orgs, industry partners (Comcast, Ookla), and community orgs to align on data protection.
- Led technical teams in developing and implementing secure data collection and storage, including cloud infrastructure (AWS) and on-premises systems.

### PROJECT MANAGER / ANALYST, Criterion Economics, LLC, Washington, D.C.

MAY 2014 — APRIL 2019

- Managed high-stakes projects with strict confidentiality and data protection requirements for Fortune 500 technology companies.
- Developed expertise in Standard Essential Patents (SEPs) and associated licensing frameworks for telecommunications infrastructure.
- Oversaw sensitive data protection strategies for litigation involving proprietary technology between major technology companies.
- Directed project teams responsible for gathering, analyzing, and protecting confidential corporate data complying with legal and regulatory requirements.

## Education

### Master of Science, Computational Analysis & Public Policy, The University of Chicago, Chicago, IL

SEPTEMBER 2019 — JUNE 2021

Coursework in Data Science, Machine Learning, Computer Science

### BSc, Economics and International Relations, College of William and Mary, Williamsburg, VA

AUGUST 2010 — MAY 2014

## Details

Chicago  
USA  
(303) 512-3245  
[marc.t.richardson@gmail.com](mailto:marc.t.richardson@gmail.com)

## Skills

Python

Data Viz (Python and JavaScript)

Project Management

Communication

Network Analysis/Measurement

Distributed Systems (Spark; Kubernetes)

SQL (PostgreSQL, MySQL)

Apache Airflow

Grafana

InfluxDB

Languages

Spanish

English

## Accomplishments

Designed and implemented analytics solution that informed broadband infrastructure investment decisions across multiple states

Contributed analytics expertise to 6+ published research papers on network infrastructure performance

Successfully scaled analytics operations to monitor 500+ infrastructure nodes across 30 geographic areas