ERIC HARTMAN

ENGINEERING MANAGER, ML / DE / SWE / BI

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EXPERTISE

Cloud – GCP: [GCE, GKE, Dataproc, BigQuery, GCS], AWS: [Ec2, EKS, EMR, Athena, S3, MWAA]

Development – BE: [Python, Java, Scala], FE: [JS, JSX **|** React, SvelteKit], DB: [RDBMS & NoSQL]

Tooling – Apache: [Airflow, Spark, Hadoop, Atlas], BI: [Tableau, Splunk, Kibana], IaC: [Boto3, Terraform],
          CI/CD: [GitHub Actions, Pre-Commit, Docker], Gov: [Great Expectations, Amazon Deequ, MLflow]

PROFESSIONAL

Manager, Machine Learning Engineering @ Cadent | May 2021 – Present
{Machine Learning Engineer: 05/21 - 07/22}

❖ Founded and expanded the MLE department to support all aspects of data science, excluding modeling and feature engineering. This includes data retrieval and ETL, model scaling and performance engineering, deployment and orchestration, infrastructure management and IaC, as well as data and model governance.

❖ Actively develop and engineer new features while architecting scalable ML infrastructure. Design and refine development workflows, conduct thorough technical reviews, and ensure best practices in coding, system design, and performance optimization are maintained.

Business Intelligence Engineer II @ Amazon | July 2020 – May 2021

❖ Implemented scalable BI solutions sourced from highly complex data structures and PB size datasets. Prioritized the retrieval of actionable insights for executive leadership over UI/UX via complex analysis and rapid prototyping. Participated in R&D through tech guilds to recommend architectural, software, and process improvements, while expanding my knowledge of AWS products and services.

Data Engineer @ Cadent | Feb 2019 – July 2020

❖ Co-designed and developed the organization's first company-wide Data Lake. This involved selecting tools, platforms, and vendors, designing infrastructure, establishing development workflows, patterns, and best practices, creating base classes and utility methods, and managing data migrations, validation, and verification.

Lead BI Engineer @ Cadent | May 2014 – Feb 2019
{BI Developer: 05/14- 05/15, Manager of Business Intelligence: 05/15 – 09/16, Lead BI Engineer 09/16 – 02/19}

❖ Founded the BI department and expanded it from a single resource (myself) to one of the largest departments in the tech organization. Maintained strong technical leadership over the team by overseeing the architecture, design, and development of all BI products. Provided a comprehensive roadmap covering tooling, staffing, training, processes, products, and budget, regularly presenting to executive management.

EDUCATION

Johns Hopkins University
Degree: Master of Science
Major: Information Systems Engineering
GPA: 4.0, Graduation: 05/2020