Cato Cannizzo

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PROFESSIONAL SUMMARY:

Analytical and growth-oriented professional with a background in capital project management and technical automation. Currently pursuing a Master's in Computer Science to specialize in Big Data trends and Business Intelligence. Proven track record of spearheading $250k capital investments at Nabors and developing API-driven automation for non-profits.

EDUCATION:

Master of Science in Computer Science

Boston University | Boston, MA | 2026-Present | GPA 3.9

Specialization: Database Management & Business Intelligence

Relevant coursework: Database Security • Database Design and Implementation for Business • Designing and Implementing a Data Warehouse

Bachelor of Science in Human Centered Design & Engineering

University of Washington | Seattle, WA | 2018-2022 | GPA 3.7 | Dean's List: 6 Quarters

Relevant coursework: Information Visualization • Visual Communication • Human Data Interaction • Designing Trustworthy Systems • Interactive Systems Design

PROFESSIONAL EXPERIENCE:

Engineer | Nabors Industries | Houston, TX | June 2021 - Sept. 2023

- Directed $250k of departmental capital investment, created detailed cost breakdowns and ensured compliance with company policies and budget.
- Continually ran cost modeling and value analysis for equipment and ongoing outsourced processes, directly informing long term procurement strategy.
- Optimized data workflows: redesigned RDBMS (MySQL) for material data, implemented QA/QC workflows and taught peers new workflows.
- Developed and coded web dashboards and KPIs to provide IT customer support, accelerating data access and improving stakeholder understanding of field data.
- Consolidated characterization data using Python to build predictive models that identified causal drivers of material performance.

VOLUNTEER EXPERIENCE:

Developer | Whole Washington | Seattle, WA | May 2025 - Current

- Automated data analysis on 10,000+ volunteer records with JS & Python scripts.
- Conducted website code refactor, cleaning code fragments, and improving FCP.
- Evaluated website WCAG compliance and updated keyboard navigability.

TECHNICAL SKILLS:

Google Cloud, AWS, Python, Pandas, NumPy, JS, React, MySQL, PostgreSQL, Tableau, Atlassian Suite, UX/UI methodologies, Bayesian Statistics, ArcGIS, Geospatial Analysis