Joshua Fearing

Madison, WI

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SUMMARY

Technical professional with 2.5 years of experience in data analysis, project coordination, and quality assurance for healthcare software. Skilled in SQL-based analysis, stakeholder management, and translating technical concepts for non-technical audiences. Passionate about using data to advance progressive causes.

TECHNICAL SKILLS

Languages: SQL, Python, Java, C, TypeScript, JavaScript
Databases: Microsoft SQL Server, MySQL
Tools: Git, GitLab, Flask, Playwright, Orgmode

PROFESSIONAL EXPERIENCE

Quality Manager - Epic Systems, Madison, WI
June 2023 - Present
Hybrid quality assurance and product management role focused on healthcare analytics, specifically clinician efficiency and regulatory reporting. Aside from QA work, developed reporting content and test automation as part of an internal transfer.

PROJECTS

Healthcare Equity Dashboard Series (Epic Systems, 2025)
Designed and implemented 7 dashboards tracking preventative healthcare equity by stratifying electronic clinical quality measures (eCQMs) outcomes by demographic categories such as race, ethnicity, gender, and education level.
Provider Efficiency KPI Development & Dashboard Transition (Epic Systems, 2025)
Collaborated across multiple teams to transition an existing executive dashboard to SQL. Designed and implemented 2 SQL-based KPIs measuring provider efficiency.
Walkability Index (DBMS course, UW-Madison, Fall 2024)
Designed database schema for analyzing neighborhood walkability metrics. Contributed to system architecture decisions, balancing data normalization and query performance. Applied database design principles to urban planning use case relevant to progressive transportation policy.

EDUCATION

Computer Sciences for Professionals, Capstone Certificate - University of Wisconsin-Madison
May 2024 - December 2025
GPA: 3.86
Coursework: Database Management Systems, Programming I & II, Machine Organization and Programming, Introduction to Operating Systems
B.A. in Philosophy, B.A. in German - Vassar College: Poughkeepsie, NY
August 2019 – May 2023
GPA: 3.93
Study Abroad - Freie Universität Berlin: Berlin, Germany
September 2021 – July 2022