Gunner Dohrenwend

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Skills

Languages: Python, SQL, R, Java, JavaScript, Swift
Tools: Excel, Microsoft Office Suite, Databricks, Azure, Tableau, Firebase, PySpark, dplyr, PostgreSQL
Concepts: Data Analysis, Project Management, Agile, Prototyping, Web Development, Statistical Modeling

Experience

Software Engineering Intern   June 2024 - September 2024
Axiom Health | San Diego, CA
- Analyzed large-scale healthcare datasets using Python and SQL, finding practical insights in surgery trends and physician specialties that informed company decision-making.
- Enhanced machine learning model training dataset by developing an automated data collection tool (JavaScript/Node.js), scaling daily ingestion to 3,000+ industry-specific articles for improved performance.
- Conducted comprehensive financial analysis of medtech companies, synthesizing findings into reports that influenced leadership strategy.

Computer Science Instructor   September 2023 - December 2023
Coding 4 Youth | Seattle, WA
- Designed and implemented a 10-week data-driven coding curriculum, achieving 100% course completion rate among 30+ students while covering different computer science principles.
- Introduced weekly tests and project-based instruction, leading to 100% course completion rate.
- Managed stakeholder expectations through clear communication channels and data-driven progress reports, maintaining client satisfaction throughout the program.

Research Student   August 2023 - September 2023
University of Washington iSchool | Addis Ababa, Ethiopia
- Researched and prototyped an online educational platform to address gaps in educational access, presenting findings to international academic audiences and receiving support for implementation.
- Led stakeholder interviews and surveys, applying statistical analysis to transform raw data into actionable insights that shaped project direction.

Projects

E-commerce App | September 2024
- Developed a full-stack platform using React, Node.js, and Firebase, enabling University of Washington students to buy and sell goods between each other.
- Received funding from UW's iStartup Lab through a compelling pitch deck and product roadmap.
- Implemented secure database management and authorization for listings, messages, and account details.

NYC Air Quality and Arrest Analysis | October 2023
- Visualized NYC air quality and arrest correlations using R, analyzing 1M+ data points for key insights.

EDUCATION

University of Washington, Seattle
BSc., Informatics, Minor in Data Science | August 2022 - July 2026 | GPA: 3.92
Clubs and Affiliations: Informatics Undergraduate Association, UX@UW, iStartup Lab, Phi Gamma Delta
Relevant Coursework: Database Management, Project Management, Systems Architecture, Business Calculus