JORDAN SHEELY

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EXPERIENCE

RTI International   **July 2023 - present**

Software Engineer | Database Administrator

- Managed data for 5+ contracts in analytical chemistry, toxicology, and mineralogy
- Architected, developed, and maintained 3 full-stack Django applications through full SDLC
- Led migration of spreadsheet-based industrial hygiene data to structured relational databases
- Utilized user- and compliance-first development process to ensure quick adoption

Lenovo   **November 2022 - July 2023**

Software Engineer

- Implemented API and event streaming for internal Spring data migration software
- Optimized supervised/unsupervised ML models targeting increased sales efficiency worldwide
- Designed and maintained ETL pipelines between application, data lake, and ML layers

Prometheus Group   **April 2022 - November 2022**

Data Engineer

- Delivered modular industrial health and safety software to 8+ Fortune 500 customers
- Developed .NET C#/SQL reports to encapsulate product data and ensure OSHA compliance
- Responsible for query tuning and performance impact of the product's reporting and analytics
- Designed PL/pgSQL procedures and functions to streamline customer-requested analytics

Morehead Planetarium and Science Center   **August 2018 - April 2022**

Science Programs Coordinator | Fulldome Theater Technician

- Created physics and programming education initiatives for over 6,000 individuals across NC
- Implemented new strategies for materials/budget tracking, creating 11% budget surplus for FY21
- Crafted and delivered wide-scope astronomy talks for all science knowledge levels
- Trained 10+ staff in astrophysical knowledge, presentation, and audio-visual technical skills

TECHNICAL SKILLS

Languages: Python, SQL, Java, Rust, JavaScript, C#, HTML/CSS
Frameworks: Django, sklearn, TensorFlow, Spring
Databases: PostgreSQL, MySQL, SQL Server
Tools: Docker, HTMX, Spark, Hive, Pandas, Maven, AWS, LaTeX, Git

EDUCATION

University of North Carolina at Chapel Hill | B.S. Physics