**Harrison M. Smith**
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## Technical Skills

- **Data Science**: Python (Pandas, NumPy, SciKit-Learn)
- **Visualization**: Matplotlib, Power BI, Tableau
- **Databases**: SQL Relational Databases (MySQL, T-SQL, PostgreSQL) & NoSQL
- **Machine Learning Libraries**: TensorFlow & PyTorch
- **Programming Languages**: C/C++/C#, Java, Swift
- **Tools**: Git, Docker, JIRA, Excel

## Experience

**Data Analyst Coordinator**, Salt Lake Community College — August 2024 - Present

- Develop and execute reports using SQL, Python, and Informer 5 to as well as data validation checks to identify data inconsistencies and logical errors in institutional data sets for our Workforce Training & Education programs.
- Trace data quality issues across systems by collaborating with program managers and data owners, documenting findings and supporting remediation workflows.
- Partner with cross-functional teams, including program managers and stakeholders, to resolve data discrepancies and escalate blockers with clear, actionable context.
- Provide quality assurance for departmental reports and dashboards, verifying data accuracy and alignment with established definitions.
- Contribute to the knowledge base by documentation of business rules, data transformation logic and validation processes.

Various Technical Support Roles from Software Engineer & IT Services for Common Thread and Nomad Alliance. To Tech Support for Instructure's Canvas and Microsoft Office, IT Services for Control4, and Substitute Teaching and Coaching at Murray School District. See full experience on LinkedIn at https://linkedin.com/in/hsmith-dev

## EDUCATION

**Neumont College of Computer Science**, MS in Applied Artificial Intelligence — Exp: September 2026

- Executed projects requiring the identification and remediation of data gaps and inconsistencies to ensure the integrity of datasets used for quantitative research.
- Documented data lineage, validation logic, and business rules within Jupyter Notebooks to maintain clear, version-controlled analysis for academic projects.
- Developed and validated data products, creating descriptive summaries and visual reports in Tableau to communicate conclusions to both technical and non-technical audiences.

**Weber State University**, BS in Computer Science — December 2022

- Engineered solutions for academic projects by creating and validating data products from concept to deliverable.
- Developed complex, ad-hoc SQL queries to communicate with relational databases, demonstrating proficiency in data extraction and manipulation.
- Practiced strong attention to detail and commitment to data quality through rigorous peer review and QA processes in an agile project environment.

## REFERENCES AVAILABLE UPON REQUEST