Matt Rose

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Passionate Math/Statistics major excited to help a **Data Science** team innovate new business ideas. Strengths in process management, team leading, teaching, and seeing deeper connections. Excellent spreadsheet and communication skills. Programming in Visual Basic, JAVA, SQL, JMP, R, Python.

EDUCATION:

Metropolitan State University, St. Paul, MN
Bachelor of Science: **Industrial and Applied Mathematics** with a minor in Applied **Statistics**   May 2020

CERTIFICATE:

IBM Corporation "The Coding School":   **Quantum Computing**   May 2021

PROJECTS

MinneMUDAC Data Analytics Competition (Fall 2019): Gathered and analyzed weather, tweets, commodity pricing data, and more to predict soybean futures. Team of 5 people lasting 28 days.

DATAGON Competition (Spring 2019): First Place, used Framingham study data from 4338 cases and 11 variables to model and forecast BMI and Myocardial Infarction. Team of 3 people lasting 150 minutes

MinneMUDAC Data Analytics Competition (Fall 2018): Gathered and analyzed Minnesota voting turnout data. Team of 5 people lasting 28 days.

Statistics Consulting: Provided Saint Paul Public Libraries (**actual client**) identifying factors relating to circulation decline. Recommended expanding child and teen library activities targeted towards key demographics.

Statistics Consulting: Analyze injury data for 1200 Metropolitan State University staff (**actual client**). Discovered correlation between "slip/trip/fall" occurrences and days with existing snow melt and refreezing.

Statistical Machine Learning Project: Creation of a predictive model of home prices based on previous data.

Mathematical Modeling: Modeling the native Easter Island population growth and decline covering years 1200-1722. Erosion from slash and burn farming on the small isolated island reduced population to 110 people by year 1722.

PROFESSIONAL EXPERIENCE

APi Group Inc, New Brighton, MN   2021-Present
Data Migration
- Incorporating newly acquisitioned companies' data into APi databases.
- Cleaning data using Excel per strict data standards.
- Migrating data into Microsoft Dynamics AX.
- Quality check results
- report findings to APi and newly acquisitioned companies.

Metro Sales Digital Technology, Minneapolis, MN   1997-2018
Facilities Manager
- Managed production workflow, tracking document production and document scanning.
- Lead adapter integrating new technologies – software, hardware, processes, equipment.
- Sales experience demonstrating high volume digital printing applications to groups of customers.
- Team leader known for delivering results and working with multiple vendors and clients.
- Conducted training sessions in classes & one-on-one.
- Interviewed, hired, and trained staff regarding new technology and processes.
- Designed, opened, and closed copy-printing-scanning facilities for customers in several industries.

United States Air Force, Grand Forks Air Force Base, North Dakota
Missile and Space Systems Maintenance Journeyman
- Top Secret security clearance.
- Diagnosed and repaired ICBM nuclear missile and launch capsule electrical systems.
- Uploaded launch codes and target coordinates into ICBM missiles and launch capsules.