

Daniel A. Noone

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EDUCATION

State University of New York at Geneseo, Geneseo, NY

Expected May 2025

Bachelor of Science in Data Analytics

GPA: 3.73 (Cumulative)

Relevant Coursework: Data Wrangling, Data Transformation, Data Visualization,
Statistical Analysis, Regression Analysis, Machine Learning, Database Systems and SQL

University of Rochester, Rochester, NY

September 2021 – May 2022

Relevant Coursework: General Psychology, Biology, and Chemistry

RELEVANT EXPERIENCE

SUNY Geneseo School of Business, *Data Analytics Tutor*, Geneseo, NY

January 2024 - December 2024

- Provided tutoring services for multiple introductory data analytics courses each semester
- Assisted students in grasping data analytics topics they were unfamiliar with, and oftentimes had no prior knowledge of
- Assisted with labs, assignments, and exam preparation for their courses

Walgreens Pharmacy, *Pharmacy Technician*, Honeoye Falls, NY

November 2022 – December 2023

- Efficiently filled and processed prescriptions under supervision of the pharmacist(s)
- Provided helpful customer service by assisting patients with their needs
- Solved insurance issues to get patients the care they deserved

CERTIFICATIONS

Machine Learning Specialization, Coursera - 3 course series - Stanford University & DeepLearning.AI

September 2024

Supervised Machine Learning: Regression and Classification

- Approximately 33 hours of coursework
- Covers concepts such as linear/logistic regression, gradient descent, and regularization to avoid overfitting

Advanced Learning Algorithms

November 2024

- Approximately 34 hours of coursework
- Covers concepts such as neural networks, implementation via TensorFlow, model development and evaluation, and tree ensembles/boosted trees such as XGBoost

Unsupervised Learning, Recommenders, Reinforcement Learning

Pending Completion

- Approximately 27 hours of coursework
- Covers concepts such as clustering, anomaly detection, recommender systems (collaborative filtering and content-based deep learning), and reinforcement learning models.

RELEVANT SKILLS

Programming Languages

- Extensive experience with Python and R for data analysis, statistical modeling, and machine learning training and evaluation.
- Proficient in SQL for database querying and management purposes.

Analysis/Visualization

- Skilled in the use of packages such as Pandas (Python) and Dplyr (R) for data wrangling and transformation.
- Experience creating visualizations to communicate data insights using packages such as Matplotlib and Seaborn (Python), and ggplot (R).

Machine Learning

Supervised Learning:

- Linear Regression, Logistic Regression, Support Vector Machines, Decision Trees, Tree Ensembles, Boosted Trees (XGBoost), and implementation using Scikit-learn

Unsupervised Learning:

- K-Means Clustering and Principal Component Analysis, using Scikit-learn

Neural Networks:

- Forward/back propagation, choosing appropriate activation functions, multiclass classification (Softmax), multi-label classification, optimization (Adam), and implementation using TensorFlow

Model Evaluation:

- Model evaluation using: Confusion matrix, precision/recall, F1-score, train/cross validation/test splits, etc.