

# Nevaeh Gross

## Time Series Machine Learning Intern

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### SUMMARY

Graduate student specializing in Data Science brings a strong focus on machine learning and time series analysis. Developed and deployed various data-driven solutions through hands-on academic projects that align with industry needs. Leveraged expertise in Python and related libraries for effective data handling, boasting proven skills in analyzing large datasets. Known for distilling complex findings into clear presentations, fostering decisions among diverse stakeholders. Passionate about contributing innovative ideas to AI development while collaborating within dynamic teams. Eager to bring a solid analytical background to Innovative Tech Solutions.

### EDUCATION

#### Master of Science in Data Science

Springfield University    GPA: 3.8    2026    Springfield, MA

*Coursework: Machine Learning, Time Series Analysis, Statistical Modeling, Data Visualization*

### TECHNICAL SKILLS

- Python Libraries:** NumPy, SciPy, scikit-learn, Pandas, XGBoost, SKTime, tsfresh, Ruptures
- Data Management Tools:** Databricks, SQL, GitHub
- Data Engineering Methodologies:** Regression Analysis, Hypothesis Testing, Anomaly Detection
- Version Control Systems:** Git
- Machine Learning Frameworks:** TensorFlow, Keras
- Data Visualization Platforms:** Matplotlib, Seaborn
- Cloud Computing Services:** AWS, Google Cloud Platform
- Statistical Software:** R, MATLAB
- File Formats:** CSV, JSON, XML
- Technical Documentation Standards:** Markdown, Jupyter Notebook

### SKILLS

- Python
- Machine Learning
- Data Analysis
- SQL
- Time Series Analysis
- GitHub
- Data Visualization
- Cloud Computing
- XGBoost
- NumPy
- Pandas
- SciPy
- scikit-learn
- SKTime
- tsfresh

### EXPERIENCE

#### Machine Learning Developer

University Project    January 2026 - Present    Springfield, MA

Engaged as a Machine Learning Developer overseeing various aspects of time series modeling and data analysis. Responsibilities include crafting models, prototyping algorithms, and collaborating with team members to define benchmarks. Directly supporting product development through experimentation and analysis.

- Developed accurate time series forecasting models using Python, leading to enhanced prediction efficiency.
- Created a prototype focused on anomaly detection in IoT sensor data, significantly improving operational insights.
- Collaborated in benchmarking multiple machine learning algorithms, identifying methods leading to superior real-time analysis.
- Conducted thorough experiments on dataset representation techniques, optimizing model training workflows.
- Presented findings crisply during faculty sessions, gaining recognition for content clarity and analytical depth.
- Stayed abreast of evolving trends in AI, integrating current knowledge into the ongoing project initiatives.

#### Data Science Research Assistant

University Research Lab    September 2025 - December 2025    Springfield, MA

Functioned as a Data Science Research Assistant, involved in developing innovative modeling approaches for environmental data sourced via IoT devices. Focused on data manipulation and visualizations leveraging scientific libraries.

- Assisted in troubleshooting machine learning models that analyze important environmental data.
- Leveraged tools like Pandas and NumPy for meaningful data manipulation during research presentations.
- Participated in hypothesis formulation, adding substantial contribution towards recognized publications.
- Authored comprehensive documentation detailing model training processes which facilitated future research endeavors.

- Engaged collaboratively with team members to enhance methodologies and maximize project output.
- Analyzed relevant literature highlighting machine learning applications within environmental contexts.

## LEADERSHIP & AWARDS

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- Dean's List, Springfield University, 2025
- Best Project Award, Data Science Hackathon, 2025

## CERTIFICATIONS

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- Python for Data Science 📅 2026
- Data Science Professional Certificate 📅 2026

## PROFESSIONAL AFFILIATIONS

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- Member, Data Science Society, Springfield University, 2024 – Present
- Team Lead, AI Club Programming Competition, 2025

## LANGUAGES

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- English (Native) • Spanish (Proficient)

## ADDITIONAL INFORMATION

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**Work Status** : Authorized to work in United States. No sponsorship required.

## REFERENCES

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AVAILABLE ON REQUEST