

# **Kevin Ferreira**

MS Artificial Intelligence Candidate | AI / Machine Learning Intern (Microsoft-Focused)  
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Portfolio: <https://kferreira1221.github.io/Portfolio>

## **PROFESSIONAL SUMMARY**

Graduate-level Artificial Intelligence student with strong foundations in machine learning, deep learning, reinforcement learning, and statistical modeling. Hands-on experience building predictive models, evaluating model performance, and working with structured datasets, and actively developing experience with deep learning frameworks, reinforcement learning algorithms, and generative AI concepts aligned with Microsoft AI and Azure-driven environments.

## **EDUCATION**

**Master of Science in Artificial Intelligence** — Florida Atlantic University (Expected Summer 2026)  
Coursework: Deep Learning, Reinforcement Learning, Computational Foundations of AI, Social Network Analysis  
Recipient: Alumni Association Endowment Scholarship  
**Bachelor of Science in Mathematical Sciences (Statistics)** — Florida International University (May 2023)

## **TECHNICAL SKILLS**

**AI / ML:** Supervised & Unsupervised Learning; Neural Networks (CNNs); Deep Learning (academic); Reinforcement Learning (Q-learning, SARSA); Generative AI & LLM Fundamentals (transformers, embeddings)  
**Statistical Modeling:** Regression, Time Series Forecasting, Predictive Modeling, Model Validation  
**Frameworks & Libraries:** PyTorch, TensorFlow/Keras, scikit-learn, NumPy, Pandas, Matplotlib, Seaborn  
**Programming:** Python, R, SQL, Wolfram  
**Cloud & Tools:** Microsoft Azure, Power BI, Tableau, Excel, Microsoft Access

## **EXPERIENCE**

Kaggle Participant — Remote (June 2024 – Present)  
• Built and evaluated classification and regression models using Python and scikit-learn  
• Performed exploratory data analysis, feature engineering, and model validation  
• Reviewed top-performing solutions to adopt best practices in machine learning workflows

Database Administrator — Activa, LC (Remote, May 2023 – Present)  
• Contributed to the preliminary design and development of a Home Health EHR platform, influencing core database architecture and system functionality.  
• Designed and maintained databases supporting healthcare billing and payroll analytics  
• Improved data workflows, data integrity, and reporting efficiency for operational teams  
• Enabled data-driven decision-making through optimized relational database structures

## **CERTIFICATIONS**

IBM Data Analyst Certificate | Mathematics for Machine Learning | SQL for Data Science | Excel/VBA for Problem Solving | Quantum Computing Foundations