# Westin Perry

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## EDUCATION

**Rochester Institute of Technology**                                                                 Rochester, NY
Masters in Artificial Intelligence                                                                               May 2025
- Cumulative GPA: 3.75/4.0
- Relevant Coursework: Machine Learning, Data Science Statistics, Probability, AI Ethics

**Alfred State College of Technology**                                                                     Alfred, NY
Bachelor of Computer Engineering – Minor Information Technology                           May 2023
- Cumulative GPA: 3.67/4.0
- Relevant Coursework: Computer Architecture & Organization, SQL Database, Cyber Security

## Skills

**Programming Languages**: Python, R, MySQL, C++/C#, JS, HTML, CSS, Arduino, (Arduino Assembly)
**Machine Learning**: PyTorch, TensorFlow, GIT, Python (eg. Scikit-Learn, Numpy, Pandas, Matplotlib)
**Data Science/Mathematics:** Data Pipeline (Cleansing, Wrangling, Visualization, Modeling, Interpretation), Complexity/Dimension Reduction, Statistics, Probability, Optimization
**Basic:** Excel, Word, Office, MS Suite

## Projects and Leadership

**Algorithm Comparison Analysis**
Fundamentals of AI                                                               August 2023 – December 2023
- I conducted a detailed comparative analysis of the Cuckoo Search Algorithm and Ant Colony Optimization for solving the Traveling Salesman Problem.

**Automation of Kirschner Wire Packaging**
Senior Technical Project                                                               January 2022 – May 2023
This project showcased my skills in leadership, cross-disciplinary teamwork, and effective problem-solving within real-world engineering scenarios.

- Developed clean room-compliant K-wire packaging within a $5,000 budget.
- Partnered with mechanical engineers to ensure smooth integration.
- Created prototypes using Arduino.

**Swim & Dive Team Captain**
Alfred State                                                                          August 2021- February 2023
- Led a team of 35+ members with effective communication and motivational skills.
- Spearheaded the team's triumph in clinching its first championship in 16 years in 2022.