Gordon La

Rochester, NY | 585-662-8572 | gordonhaesla@gmail.com | linkedin.com/in/gordon-la

EDUCATION

Georgia Institute of Technology   Atlanta, GA
Master of Science in Computer Science with Machine Learning Specialization   Expected August 2026

State University of New York Brockport   Brockport, NY
Master of Science in Instructional Design   August 2023

Roberts Wesleyan University   Rochester, NY
Bachelor of Science in Science and Education   May 2021

SKILLS

Python, Java, Git, Machine Learning, Pandas, NumPy, Matplotlib, PyTorch, Agile Project Management, Data Analysis, Communication Skills, Team Collaboration, Cybersecurity, Technical Instructional Design

WORK EXPERIENCE

Palo Alto Networks   Santa Clara, CA
Instructional Designer   May 2022 – January 2024
- Developed courses on ML-Powered Cloud Next-Generation Firewall (NGFW) for Azure and AWS.
- Developed over 75 courses and multimedia content reaching hundreds of learners.
- Collaborated with content developers and subject matter experts in an Agile environment.
- Collaborated in the development of a streamlined course production process, where team members were assigned specific roles to focus on particular aspects of course creation. This 'assembly line' approach significantly accelerated the course production timeline by over 25%.
- Pioneered the integration of live video with Vyond animation for educational content and created a course to train other Instructional Designers in this method.

Roberts Wesleyan University   Rochester, NY
TESOL Instructor and Tutor   August 2020 – June 2021
- Led a TESOL class to enhance English language skills and cultural awareness for foreign-exchange students.
- Designed written materials, multimedia elements, and interactive resources for the class.
- Conducted thorough analyses to better understand students and their learning preferences.

PROJECTS

Machine Learning Trading System   August 2024 – Present
- Developed a ML-based trading system by integrating ML algorithms, portfolio optimization, and market simulation techniques to create and evaluate algorithmic trading strategies in a simulated environment.
- Implemented supervised learning models and Q-Learning to develop and refine trading strategies.
- Developed a market simulator and technical indicators for evaluating and optimizing portfolio performance.
- Compared ML trading strategies with manual rule-based strategies, showing how effective ML is in financial markets.

Betting Strategy Evaluation   August 2024
- Developed a Monte Carlo simulation to evaluate betting strategies based on win probabilities.
- Analyzed results using statistical measures like mean, median, and standard deviation over multiple runs.

ADDITIONAL

Other Accredited Coursework: Linear Algebra, Probability and Statistics
Certificates and Certifications: Agile Project Management (Coursera), CompTIA Security+