ALAN KHINKIS

Buffalo, NY | aek234@cornell.edu | 716-495-3245

EDUCATION

Cornell University   **Ithaca, NY**
Intended Majors: Bachelor of Science in Computer Science & ORIE   *May 2029*
- **Relevant Coursework: CS 1110: Introduction to Computing, INFO 1998: Introduction to Machine Learning, ENGRD 2700: Engineering Probability & Statistics, MATH 1910: Calculus for Engineers, AEM 2010: Spreadsheet Modeling**

Amherst Central High School   **Amherst, NY**
GPA: 101.02   *June 2025*
- **Awards: National Merit Commended Scholar, AP Scholar w/ Distinction, NYS Seals of Biliteracy & Civic Readiness**

WORK EXPERIENCE

The Statler Hotel at Cornell University   **Ithaca, NY**
Valet/Bellstand Attendant   *August 2025 - present*
- Deliver high-quality service to hundreds of hotel guests per week, coordinating operations with a focus on hospitality
- Manage vehicle logistics across high-volume driveway, ensuring fast, organized, and damage-free handling

Holiday Valley Resort   **Ellicottville, NY**
Snowsports Instructor (Seasonal)   *Nov. 2022 - Mar. 2025*
- Taught over 25 adults/children per group skiing lesson according to experience and level, and private lessons upon request
- Led team of 1-3 Assistant Snowsports Instructors per lesson, ensuring student safety and a high-quality learning experience

LEADERSHIP EXPERIENCE & ACTIVITIES

Kappa Theta Pi Professional Technology Fraternity   **Ithaca, NY**
Beta Class Member   *Sept. 2025 - present*
- Selected as 1 of 11 members from ~70 applicants, completing NME covering topics such as ML and backend development
- Work with team of 5 on semester-long reinforcement learning project that suggests optimal schedules for Cornell students

Boy Scouts of America, Troop 261   **Amherst, NY**
Eagle Scout, Senior Patrol Leader   *Apr. 2019 - May 2025*
- Organized and led over 30 volunteers for Eagle Scout project that involved raising nearly $3,000 in supplies from local hardware stores and protecting over 200 endangered trees from beaver damage at local nature preserve
- Completed over 150 volunteer service hours for local community and attained over 60 merit badges

ACHS Math Team   **Amherst, NY**
Club Vice President '24 - '25, Member '23 - '24   *Sept. 2023 - June 2025*
- Placed in top 5% of team in monthly competitions, contributing to 1st-place finish among area school districts for year
- Placed 2nd out of over 60 students at University at Buffalo High School Statistics Project Competition

PROJECTS

Kaggle Machine Learning Prediction
- Built and tuned k-Nearest Neighbors and Decision Tree classifiers using the Kaggle Pima Indians Diabetes dataset, performing feature scaling and model selection to optimize performance, achieving over 80% classification accuracy

Nasdaq Futures Trading Strategy Backtest
- Engineered a Python-based backtesting system for intraday futures trading strategy using yfinance, pandas, and matplotlib
- Implemented rule-based trading logic that identified long/short entry signals, executed simulated trades with stop-loss and take-profit levels, tracked P&L across trades, and plotted an equity curve upon completion

ADDITIONAL

Skills: Python (pandas, numpy, Scikit-learn, matplotlib), Git, Jupyter Notebook, Microsoft Excel, Market Research
Certifications: J.P. Morgan Quantitative Research Job Simulation, Akuna Capital Options 101 Course, freeCodeCamp ML Course
Interests/Additional Activities: Poker (top 99.4th percentile GTOWizard player), hiking, lacrosse, skiing, cooking, sailing