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	FIFA Intern <i>Coca-Cola, Qatar</i> - Optimized FIFO inventory turnover by 15%, identifying cost-saving opportunities through data - Created Excel dashboards for inventory analysis, enhancing throughput and operational efficiency - Coordinated with five partner organizations for a large-scale event, gaining experience in project management, communication, and partner alignment	Oct 2022 – Dec 2022
PERSONAL PROJECTS	AI-Agents Portfolio Construction and Evaluation System <i>Github: AI Portfolio Advisor</i> <i>[Poster]</i> - Built a web-based portfolio optimization engine with Markowitz-style efficient frontier analysis - Developed automated net asset value tracking and rule-based portfolio rebalancing workflows - Designed evaluation agents to identify covariance-driven risk, and hidden constraint violations - Extended into a multi-agent generative AI system for portfolio construction and evaluation	May 2025 – Dec 2025
	Open Source Project Contributor <i>Eclipse Adoptium JDK Testing Pipeline, Adoptium Summer of Code Program</i> - Conducted empirical research on adaptive performance testing, developing statistically grounded methods to improve efficiency and reduce measurement noise in large-scale experimental pipelines - Studied machine learning-based benchmark selection, including fine-tuning large language models to optimize test allocation under computational constraints, framed as an optimization and decision-making problem - Designed automated optimization techniques for continuous testing workflows, emphasizing out-of-sample validation, robustness, and reproducibility	May 2025 – Aug 2025
	Convolutional Neural Network for Face Recognition <i>Github: CNN Face Recognition</i> - Designed CNN architecture using TensorFlow + Keras, achieving 94% classification accuracy - Implemented OpenCV preprocessing pipeline for robust face detection and normalization - Applied advanced regularization techniques including dropout and batch normalization	Jan 2024 – Apr 2024
LEADERSHIP	Founder & Vice President <i>Carnegie Math Club</i> - Founded mathematics organization serving 40+ undergraduate students with faculty mentorship - Assisted in Pi mathematical competitions with 200+ participants from regional high schools - Developed curriculum for logic, proof techniques, and mathematical reasoning workshops - Designed and administered bi-weekly quizzes to enhance problem-solving and critical thinking skills - Advised new club members on an engaging plan to strengthen student's interest in mathematics	Sep 2023 – Dec 2025
TECHNICAL SKILLS	Programming: Python, R, SQL, STATA, MATLAB/Mathematica, C, C++ Databases: WRDS (CRSP, Compustat, OptionMetrics), Bloomberg Terminal, Refinitiv Empirical: Event Studies, Time-Series Analysis, Regression Analysis, Asset Pricing Models Machine Learning: Supervised Learning, Feature Engineering, Model Validation Research Workflow & Typesetting: Git, GitHub, LaTeX	
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