Evan Glas

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EDUCATION

DUKE UNIVERSITY

MASTER OF SCIENCE
2023-2024 | Durham, NC
Program: MS in Electrical and Computer Engineering
Concentration: Machine Learning
GPA: 3.97 / 4.0

BACHELOR OF ENGINEERING
2020-2023 | Durham, NC
Majors: Electrical and Computer Engineering, Computer Science
Minor: Mathematics
Involvement: Duke Applied Machine Learning (DAML), HackDuke
GPA: 3.91 / 4.0

PEDDIE SCHOOL

HS DIPLOMA
2016 - 2020 | Hightstown, NJ
Armellino Scholar: Awarded Full Merit Scholarship
Honors: National Merit Scholar • US Computing Olympiad Silver Division • Academic All-Mid Atlantic Prep League • Three-Sport Varsity Athlete
GPA: 4.0 / 4.0 • SAT: 1570/1600

COURSEWORK

Deep Learning • Natural Language Processing • Statistical Inference • Bayesian Statistical Modeling • Information Theory • Database Systems • Computer Vision • Applied Probability for Statistical Learning • Machine Learning • Software Engineering • Algorithms • Parallel Programming • Operating Systems • Data Structures • Linear Algebra • Multivariable Calculus • Probability • Differential Equations

SKILLS

Programming Languages
Python • Java • C++ • C • SQL • Q • JavaScript • TypeScript • HTML • CSS
Libraries/Software
Pandas • Pytorch • Matplotlib • Sci-kit Learn • SciPy • NumPy • React Git • Linux • Tableau • FL Studio
Interests
Violin • Lacrosse • Poker • Fitness • Piano • Chess • Music Production

EXPERIENCE

MILLENNIUM MANAGEMENT | QUANTITATIVE DEVELOPER INTERN
June 2024 - | New York, NY
- Commodities research

RBC CAPITAL MARKETS | QUANTITATIVE STRATEGIES GROUP INTERN
June 2023 - August 2023 | New York, NY
- Rotations in quantitative research and domestic, international ETF market making
- Devised a pricing methodology and market making strategy for a particular ETF
- Researched dimensionality reduction technique for portfolio factor risk model

BNY MELLON | DATA SCIENCE INTERN
June 2022 - August 2022 | New York, NY
- Researched interpretable ML feature selection algorithms for forecasting models
- Built dashboard that reduced time to configure various financial models by 75%

INVOLVEMENT

DUKE HOUSING AND RESIDENCE LIFE | RESIDENT ASSISTANT
Aug 2023 - May 2024 | Durham, NC
- Completed regular overnight on-call shifts for Craven Quad (~395 students).
- Organized monthly events, fostered section community, and communicated with Duke police, supervisors, residents regarding dorm incidents.

DUKE THETA TAU | CO-PRESIDENT
Jan 2023 - Jan 2024 | Durham, NC
- Coordinated 50+ member engineering professional fraternity chapter, led weekly chapter meetings, oversaw several-thousand dollar budget

HACKDUKE | TECH TEAM LEAD
January 2022 - May 2023 | Durham, NC
- Led 12-person development team of HackDuke and Code for Good websites.

DUKE IMPACT INVESTING GROUP | PROJECT MANAGER, DATA ANALYST
Jan 2021 - December 2022 | Durham, NC
- Presented data analysis projects to startup leadership teams

PROJECTS

FORECASTING CONSUMER LOANS | WRITEUP, GITHUB
Built forecast of aggregate revolving US consumer loans via SARIMAX model.

CITADEL INVITATIONAL DATATHON | REPORT
Investigated oil industry presence and county-level socioeconomic outcomes.

COMPUTER VISION GEOGUESSR CLONE | DEMO, GITHUB, REPORT
Built a GeoGuessr clone with a computer vision AI opponent.

CS 671 CLASS KAGGLE COMPETITION | WRITEUP, GITHUB
Placed 6/145 on public leaderboard in graduate machine learning class.

CLUSTERING VISUALIZER | WEBSITE, GITHUB
Built an interactive K-Means and DBSCAN clustering algorithm visualizer.

HONORS & AWARDS

Year	Award
2024	Duke DataFest Best Insight (1/~40 teams)
2024	Live AI Hackathon Financial Technology Track Winner
2023	Duke Generative AI Hackathon Voted People's Choice Winner
2022-2023	Dean's List with Distinction (Top 10% of Engineering Class)