MEHUL DHAR

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EDUCATION

Northwestern University   **Evanston, IL**
*Bachelor of Arts, **Mathematics, Statistics** | Minor in **Computer Science***   *June 2026*
Kellogg Certificate Program for Undergraduates in **Financial Economics**
GPA: 3.73/4.00, **Dean's List:** 5 of 6 quarters

   Relevant Coursework
   - ***Completed***: Linear Algebra/Multivariable Calculus, Data Structures & Algorithms, Statistical Theory, Regression Analysis, Applied Time Series Modeling, Probability & Stochastic Processes, Mathematical Models in Finance
   - ***Upcoming***: Financial Engineering, Investments, Derivatives, Real Analysis, Statistical Analysis of Financial Data

WORK EXPERIENCE

Johnson Controls Inc   **Glendale, WI**
Software Engineering Intern   *June 2024 – Aug. 2024*
   - Developed a RAG-model chatbot using Python, integrating Microsoft Copilot and Azure OpenAl and optimized 500+ OTC-KED documents, to provide solutions to OTC user issues and track sales/delivery information.
   - Implemented Python logic for incident routing using dynamic value stream keywords and Azure OpenAI API, improving ticket generation efficiency by reducing processing time by 50% and achieving over 97% accuracy.
   - Enhanced Copilot's image-processing for incident-ticketing bots by adding attachment capabilities with Azure Blob Services and Python; Presented diverse solutions to project-specific and broader challenges at hackathons, innovation challenges, and C-suite meetings, demonstrating their impact on business operations.

Altius Strategic Consulting   **Sheridan, WY (Remote)**
Data Science Intern   *June 2023 – Feb. 2024*
   - Designed a scalable ML system using DeBERTa word embeddings for accurate data labeling from ERP dumps; Integrated OpenAI GPT API to retrieve and engineer service and product descriptions, optimizing model training to automate cost categorization for 50,000+ items across PE portfolio businesses.
   - Fostered team collaboration and led the delivery of concise, impactful project updates to C-suite executives, effectively communicating progress and outcomes.

LEADERSHIP EXPERIENCE

Scholars of Finance (SOF)   **Evanston, IL**
Executive Vice President   *Oct. 2023 – Present*
   - Manage key chapter metrics (financial models/budget, student involvement, growth). Directly oversee all chapter fundraising efforts, interactions with external parties as well as event organization logistics.
   - Coordinated annual Midwest Symposium with 250+ attendees, securing speakers/sponsors from analyst to C-suite levels. Managed venue logistics, marketing, and transportation, promoting event to the entire university.

Institute For Student Business Education (ISBE)   **Evanston, IL**
Quantitative Strategist at Northwestern Capital Management (NCM)   *Apr. 2023 – Present*
   - Develop robust trading strategies by formulating hypotheses rooted in key technical indicators such as RSI, moving averages, and volatility measures like standard deviation, along with regression and correlation analyses.
   - Leverag Python with NumPy, Pandas, and Matplotlib to build predictive models, perform backtesting, analyze security trends to optimize annualized returns, and participate in internal paper trading competitions.

Student Holdings   **Evanston, IL**
Finance Manager for RezEssentials/RezLaundry   *Oct. 2022 – Present*
   - Facilitate review of financial strength of Northwestern's only student-run business' portfolio company; manage financial statements. Strategize revenue growth, clientele demand and optimize costs through NPI.

SKILLS & INTERESTS

Technical Skills: Python, C/C++, R, DSSL2, DrRacket, Java/JavaScript, HTML/CSS, MS Word, Excel, and PowerPoint
Language: English (native), Spanish (fluent), Hindi (proficient)
Memberships – *Algorithm Trading Club, Northwestern Technology Club, Investment Management Club*
Interests – *Vlogging, Editing, Producing Music, Violin, Soccer, and Basketball*