Sherry Chen

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EDUCATION

Northwestern University | Evanston, IL   *Expected Graduation June 2025*

    Bachelor of Arts in **Statistics and Data Science** | Minor in **Computer Science**| Cumulative GPA: **3.77/4.00**

    Relevant Coursework: Linear Algebra, Python, R, SQL, Stochastic Modeling, Data Structures, Datathons

    Honors: National Merit Scholar, AP Scholar with Distinction

Harold Washington College | Chicago, IL   *Sep 2020 - June 2021*

    Bachelor of Arts in **Economics** | Minor in **Business Administration** | Cumulative GPA: **4.00/4.00**

    Honors: High Honors, Harold Washington Graduation Award(5 of 2200 students)

PROFESSIONAL EXPERIENCE

Residency - Remory | Quantitative Research Intern | Evanston, IL   *Feb 2024 - September 2024*

- Built five different exponential decay models to analyze data(3M+) and predict optimal days for product releases and maximizing engagement. Led to a successful web-page launch.
- Developed, validated, tested, and updated algorithms and models, resulting in acquiring 100 customers.

NGA | Machine Learning Intern | St.Louis, MI   *Feb 2024- Mar 2024*

- Attended dozens of classes, collaborated with machine learning engineers to develop and implement machine learning models, selecting appropriate algorithms, and evaluating model performance.

Northwestern Farley Center | Teaching Assistant | Evanston, IL   *Sep 2022 - Present*

- Formulated customized advice tailored to each group(7 groups) on how to build optimization models, resulting in a 30% improvement on maximizing TAM(Total Addressable Market Score).
- Strengthened knowledge in over 30 students on maximizing cost efficiency and scalability.

NOTABLE PROJECTS

Chi-Town Canvas | NLP Project in Python(Pattern Detection for Top-Performing Songs | Chicago, IL   *Jul - Aug 2023*

- Scrapped, organized, and analyzed lyrical information from 20 top songs and verified discrepancy in word structures.
- Compiled data into interactive excel spreadsheet for easy review, addressing effective research to distinguish lyrical behaviors exhibited by specific artists.

Netflix User Base Analysis | R Project (Team of 5)| Chicago, IL   *Aug 2023*

- Critically analyzed 3000+ users of the Netflix Company to determine the highest and lowest contributors of the business, especially in comparison to patterns.
- Conducted regression and explanatory analysis of differences in age, gender, and income over the past two years to communicate internal causes for revenue and profit shifts.

Quantitative Analyst | Market Research Report | Evanston, IL   *Oct - Nov 2022*

- Gathered data on recent financial developments in the global market using resources such as Capital IQ and Pitchbook to prepare a comprehensive presentation of M&A deals, IPOs, Financings, and regulatory updates
- Gained understanding of how to compare EBITDA and other measurements to evaluate market deals

LEADERSHIP AND ACTIVITIES

NCM Quant Strategies Group | Analyst | Evanston, IL   *Jan 2024- Present*

- Executed strategic trades with in-depth research and analysis to enhance actionable insights to optimize investment strategies in a dynamic market environment.

JP Morgan Chase | Leader of Associate Bankers | Chicago, IL   *Mar 2021 - Aug 2022*

- Proposed analytical techniques to achieve a total of 27(other bankers had an average of 5-10) referrals to investment in a month(Was selected to give advice to entire region)

Quantitative Investment Strategies | Shadower | Evanston, IL   *Jun 2023 - Present*

- Conducted research and backtested momentum-based strategies for the S&P 500 using Python, optimizing long-short portfolios and supporting monthly rebalancing. Collaborated on sector-neutral strategy development and performance comparisons against the S&P 500.

SKILLS & INTERESTS

Languages: (Proficient)Python, Javascript, C++(familiar), R (Proficient), SQL

Additional Activities: Math Tutor, Library Assistant, The Garage Start-up, Hackathons, Math Competitions

Interests: Cooking, Chess, Hiking, Art, Rock Climbing, Poker, Neuroscience, Gaming