

Aaryan Sharma

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EDUCATION

Kellogg School of Management, Northwestern University

June 2027

Master in Management

- **Leadership:** Founded a **100+ member** admitted-students community to drive engagement and coordinate visa navigation along with housing searches for **65%** of the incoming cohort to ensure a seamless transition

The Grainger College of Engineering, University of Illinois

May 2026

Bachelor of Science in Mathematics & Computer Science

GPA: 3.60/4.00

- **City Scholars:** Selected as **1 of 25** for the college's premier academic-corporate fellowship in Chicago
- **Research:** Evaluated the accuracy of **election forecasting** models in a research paper, **graded 'A'** by the college, and presented key insights with Prof. Ian Kash to **100+ experts** at the DIMACS 2024 conference
- **Leadership:** Directed a 10-member team to deliver **8 AI solutions**, including a faculty research classification system that enabled **cross-departmental collaboration**; earned **Spotlight Award** (1 of 96)

EXPERIENCE

HERE Technologies

Chicago, IL

Data Science Intern

Jan 2026 – May 2026

- Deployed a new predictive model that improved road-sign detection from **82% to 98%**, eliminating **approx. 1,500 manual fieldwork hours weekly** and lowering data collection costs across European markets
- **Analyzed system performance** and delivered recommendations to product leadership, **informing a redesign of the core pipeline** and improving data utilization across **5+ downstream products**

Onix Networking

Pune, MH, India

Artificial Intelligence Intern

Jun 2025 – Aug 2025

- **Accelerated sales conversations with 6 enterprise organizations** by building an on-demand data engine that generated privacy-compliant datasets for the flagship platform
- Designed domain-specific AI workflows and **secured technical buy-in** from **4 of 5 engineering managers** to integrate the new capabilities into the product roadmap
- Built simulation models of end-to-end patient workflows across **20+ healthcare systems**, enabling scalable synthetic data generation to support complex client use cases

NEC Corporation

Noida, UP, India

Artificial Intelligence Intern

Dec 2024 – Jan 2025

- Identified the optimal vehicle-tracking approach by analyzing 5 alternatives for **1,500+ traffic cameras** in Delhi NCR, supporting an **architectural migration from legacy Perl to C++** for better scalability
- Influenced executive approval for a **funded Phase 1 pilot** by delivering comparative analyses projecting a **40% reduction in compute costs** under the new vehicle-tracking architecture

Software Engineering Intern

Jun 2024 – Sep 2024

- Led a **team of 4 interns** to design and develop a prototype for a **Government Of India** logistics platform, translating fragmented workflows into an **interactive product showcase**
- Enabled **stakeholder alignment** by conducting **10+ live platform demonstrations**, improving understanding of the Unified Logistics Interface Platform by visualizing large-scale fleet operations

ADDITIONAL

Technical: Python, C++, SQL, R; Tableau, Power BI, Alteryx, AWS, GCP, Excel VBA, Looker Studio

Interests: International Affairs & Defense; Aviation & Automobiles; Horology; Therapeutic Cooking