

# Aaryan Sharma

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## EDUCATION

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**Kellogg School of Management, Northwestern University** June 2027

Incoming Candidate for Master in Management

- **Intended Pathway:** Strategy; Technology Management; Growth & Scaling
- **Leadership:** Founded a **100+ member** admitted-students community, successfully coordinating visa navigation and housing searches for **65%** of the incoming cohort

**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

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**Deloitte** (UK FS - HSBC, Royal London, M&G) Gurugram, HR, India

Accounting & Reporting Assurance Intern May 2026 – Aug 2026

- Cut **HSBC Investment Funds'** name-standardization cycle from **approx. 6 hours to under 1 minute** by pitching and building a Python automation to replace VBA workflows, enabling reuse across engagements
- Designed and pitched an automated typesetter-validation system to the **Royal London** engagement team, eliminating manual review of spacing, punctuation, and numerical accuracy across financial statement drafts

**HERE Technologies** (World's #1 Location Platform) 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 re-design of the core pipeline** and improving data utilization across **5+ downstream products**

**Onix Networking** (Google Cloud Premier Partner) Pune, MH, India

Artificial Intelligence Intern Jun 2025 – Aug 2025

- Enabled enterprise data access for **6 healthcare & insurance organizations** by building an on-demand data engine that generated privacy-compliant datasets for Onix's flagship platform
- Designed domain-specific patient-journey simulation workflows across **20+ systems**, securing buy-in from **4 of 5 engineering managers** to embed synthetic data capabilities into the product roadmap

**NEC Corporation** (Fortune 500 tech conglomerate) 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

## ADDITIONAL

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

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

**Selected Projects:** Chicago Diabetes Predictive Policy Dashboard; Agentic Synthetic Healthcare Data System