

Aaryan Agrawal

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EDUCATION

Northwestern University, Evanston, IL

Anticipated Graduation: June 2025

Robert R. McCormick School of Engineering and Applied Science

Bachelor of Science in Industrial Engineering and Management Sciences,
Minor in Data Science and Engineering

Major GPA: 3.82/4.0

Cumulative GPA: 3.71/4.0

Kellogg Certificate Program for Undergraduate

Mar 2023 – June 2024

- Applied and accepted into the Managerial Analytics Certificate.
- The program includes high level MBA courses taught by Kellogg faculty and develops real life business skills as well as facilitating work ethic and collaboration.

SKILLS

Computer: Proficient in MATLAB, Cad, Python, Racket, Java, Simio, C++, C, SQL, AMPL, R, Excel, Word, PowerPoint

Relevant Courses: Data Science, Operations management, Supply chain management, Network Analysis, Finance, Competitive business strategy, Cap stone project, Optimization, Risk management and Simulation, Statistical Analysis.

ENGINEERING EXPERIENCE

Design Thinking and Communication Course, Northwestern University, Evanston, IL

Client: Ann Jacott, Physical therapist in Skokie, IL

Sep 2021 – Dec 2021

- Designed and prototyped a cushion that detects weight imbalance while sitting on it to let Scoliosis patients know if they have bad posture and correct them.
- Design head of our team and supervised the building of our product. Won the Design award.
- Took initiative to design a more electrically focused product when it was not required.

Northwestern University Robotics Club, Evanston IL

May 2022 – Present

Member of the Combat Robotics Division

- Member of the Combat Robotics team of the Northwestern University Robotics Club.
- Coordinated with teammates to design and build multiple robots.

IE Client Project Challenge, Northwestern University, Evanston, IL

March 2024 – June 2024

Client: Christo Rey St. Martin College Prep (CRSM), Waukegan, IL

- Consulted a non-profit school for predicting graduation rates for college. Technical head.
- Created statistical models using Logistic regression, ridge regression, Principal component analysis, Clustering, Social Network Analysis, and data science.
- Worked in Excel, R and Python. Gained valuable experience in data cleaning and data analysis.

WORK EXPERIENCE

Vora Ventures, Cincinnati, OH

June 2022 – Sept 2022

Market Analyst/ Financial Consultant Intern

- Conducted market analysis as part of a paid internship program for a mental health platform called Mindfully.
- Took initiative to review finances of Mindfully and made a document using Microsoft Excel proposing the cost of various services at Mindfully according to current market trends and discounted cash flow analysis.
- Presented my research to the board of directors of Mindfully.

S&P Global, Ahmedabad, IND

June 2023 – Aug 2023

Data Analyst Intern

- Went through an extensive training program about the financial industry and S&P global.
- Worked as data analyst on specific projects and coordinated with team members in company specific software.

General Electric - Aerospace, Cincinnati, OH

June 2024 – Sept 2024

Supply Chain Consultant Intern

- Consulted on the onsite inventory management system and visual management system and provided a comprehensive solution based on Economic order quantities which was implemented.
- Lead the team of engineers to implement the proposed solution to improve the efficiency of reordering new parts. Conducted financial analysis on the money saved by the improvement to the facility's operations.
- Worked on many other smaller projects using Excel, Word, Polyworks and other company specific software.
- Gained valuable insight into the day-to-day operations of the Additive technology center at GE Aerospace.