

AARAV NAIR

Data Science & Information Sciences Student · University of Illinois Urbana-Champaign

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SUMMARY

Aspiring freshman with hands-on experience applying AI, automation, and quantitative analysis to real-world decision-making. Built automated data pipelines and AI-driven insight tools that streamline analysis and surface trends in labor markets, sustainability metrics, and financial datasets. Skilled in workflow automation, with a focus on transforming complex data into clear, actionable recommendations. Interested in leveraging AI and advanced analytics to support investment research, financial strategy, and data-driven business performance.

EDUCATION

University of Illinois Urbana-Champaign, iSchool

Expected May 2030

B.S. Information Sciences + Data Science

Fair Lawn High School

Class of 2026

GPA: 3.84 | SAT: 1420 | AP Scholar with Distinction

EXPERIENCE

Project & Marketing Intern — Intrizen

Summer 2025

- Built HR Trends, an automated workforce-analytics platform using BLS government data, n8n workflows, and Supabase APIs to power a live data pipeline and admin dashboard.
- Developed an agentic AI system that generates content, images, and insight summaries from workforce data to support both the product and the marketing team.
- Diagnosed weak LinkedIn performance (only 6 of ~30 employees connected; ~30 organic engagements/month) and proposed an employee-advocacy and AI-content strategy to grow organic reach.
- Owned end-to-end product presentation — website, admin dashboard, branding, logo, and visual identity.

Innovate Program — The Knowledge Society (TKS)

2023 – 2024

- Built an AI-based deepfake detection model from scratch, researching adversarial machine learning techniques. Built using iOS object-detection model in Xcode.
- Led a team to a Top 5 finish in a Google-affiliated innovation challenge.
- Applied Python and Excel to analyze market trends and produce data-driven business recommendations; engaged directly with finance and technology professionals on roles bridging business and tech.

Secretary — Sustainable Fair Lawn Green Team

2022 – 2023

- Elected Secretary of Fair Lawn's municipal Green Team advisory committee; contributed 100+ hours to Borough sustainability initiatives.
- Cleaned, standardized, and analyzed energy and fuel-usage data across 100+ municipal properties to surface consumption trends and efficiency opportunities.
- Presented findings and cost-conscious recommendations directly to the Mayor and Borough Council.

LEADERSHIP & INVOLVEMENT

Chief Financial Officer — Pawsitive Futures

2024 – Present

- Nonprofit dedicated to keeping pets out of shelters and providing financial assistance to overcrowded shelters.
- Manage budgeting and fundraising strategy for the organization; run events (poker night, Painting in the Park, bake sales, Meet n' Greets).

Class Council — Fair Lawn High School

- Class Council President (previously Treasurer, Freshman & Sophomore Councils); also active in FBLA (Data Analysis) and Debate Club (Vice President).

Varsity Lacrosse, Goalie — Fair Lawn High School

4 seasons

SKILLS & CERTIFICATIONS

- Technical & Data: Python, SQL fundamentals, Excel (PivotTables, VLOOKUP), workflow automation (n8n), APIs & data pipelines, Supabase, Jupyter Notebook, Git/GitHub
- AI/ML: prompt engineering, agentic AI workflows, LLM-based automation, Core ML / Create ML
- Certifications: Python Basic Mastery (Juni); Excel Certification (CompTIA)