

Xavier Lopez

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EDUCATION

Temple University, Fox School of Business

Expected Graduation May 2028 | **Philadelphia, PA**

B.B.A in Management Information Systems

Relevant Coursework: Data Analytics, Web Application Design, Data Sciences, and Cloud Architecture

Classical High School

June 2024 | **Providence, RI**

- Cumulative GPA: 3.7/4.0, SAT:1320
- **Awards & Honors:** Collegeboard National AP Scholar, Varsity Letter, Outstanding Student Award English Dept, Honor Roll
- **Extracurriculars:** Varsity Lacrosse Player, Member of Mock Trial Team, and 3x Supervisor for Providence Department of Recreation

RELEVANT EXPERIENCE

The Clafin ALM Company

AI Transformation Technician

September 2025-Present | **Hybrid**

- Led the integration of Large Language Models (LLMs) and Agentic Workflows into existing supply chain infrastructures, aligning technical capabilities with 3PL+ operational goals.
- Applied Google Antigravity, Replit, and Cursor to architect and deploy scalable AI web applications, including a custom-built ordering portal that optimized procurement for mid-market medical distributors.
- Engineered complex n8n workflows to automate the collection and structuring of vendor data, implementing logic-based filtering to increase efficiency and productivity.
- Designed and managed relational SQL databases and integrated third-party APIs and MCPs to facilitate seamless data flow across different enterprise systems and Microsoft 365 environments.
- Optimized departmental efficiency through Prompt Engineering and Agent Operation, creating autonomous digital assistants to handle high-frequency administrative tasks and decision-making logic.

The Clafin ALM Company

IT Project Intern

May 2025-August 2025 | **Providence, RI**

- Co-developed an enterprise-grade web application in a hybrid human-AI collaborative environment, utilizing manual coding and AI Agents to architect a solution that increased inventory count operational efficiency by **87%**.
- Engineered a centralized database of **400,000+** unique line items by synthesizing historical inventory data from multiple healthcare institutions, resolving discrepancies across various medical codes and identifiers for standardized tracking.
- Optimized the item-cataloging process by integrating the FDA's Global Unique Device Identification Database (GUDID) API, automating complex data lookups and ensuring compliance with federal medical device tracking standards.
- Analyzed and documented client-side operational workflows to diagnose bottlenecks; translated these findings into technical requirements for scalable internal automations and AI-driven business process improvements.
- Gained foundational experience in server management and IT troubleshooting, while supporting physical infrastructure projects including the deployment of warehouse surveillance systems and network cabling.

Institute of Business Information Technology | Digital Innovation Foundry

Student Consultant

March 2026 - Present | **Philadelphia, PA**

- Overseeing the end-to-end development of projects like Skinsights.AI, an MVP for venture funding; engineered the platform by integrating complex AI APIs and deploying multiple custom-trained machine learning models to deliver proprietary diagnostic logic.
- Directly manages client relationships to diagnose business requirements and translate high-level conceptual needs into technical roadmaps, ensuring projects maintain rigorous development timelines and align with stakeholder objectives.
- Engineering and deploying proprietary data-trained models and MCP servers within web environments, bridging the gap between raw data science and functional, user-facing application logic.

SKILLS AND INTERESTS

Skills: Artificial Intelligence [Prompt Engineering, Agent Management, Custom Machine Learning Model Training, API Integration (Gemini, Anthropic)], **Automation & Workflows** [n8n, Google Antigravity, Workflow Optimization, Automated Data Extraction, Logic Filtering]

Business & IT Operations [Microsoft 365, IT Troubleshooting, Server Management, Business Process Documentation, Technical Roadmapping]

Interests: Sports, Boardgames, PC Building, Travel, Concerts, and Vintage Clothing