

Michelle E. Mathew

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EDUCATION

Temple University

Bachelor of Business Administration, Management Information Systems
GPA: 3.61

Anticipated: May 2027

Philadelphia, PA

RELEVANT COURSEWORK

MIS2502 | *Data and Analytics*

January 2025 – Present

- Worked with relational and NoSQL databases to query, integrate, and cleanse data using ETL processes.
- Leveraged analytics software e.g. **MySQLWorkbench** and **JupyterLab** to derive insights from multiple data sources and support decision-making.

MIS2402 | *Web Application Development*

January 2025 – Present

- Developed web-based application to support business processes using Visual Studio Code.
- Gained proficiency in loops, arrays, conditional statements, and web design.

MIS0855 | *Data Science*

January 2025 – Present

- Applied data science techniques to analyze and visualize complex datasets from diverse sources.
- Used **Tableau** and **Microsoft Excel** for data organization, analysis, and communication.

PROJECTS

International Paper | *AIS Student Chapter Leadership Conference*

January 2025 – March 2025

- Developed a **prototype** for an AI-driven analytics platform to detect biofilm in the paper industry's water sources.
- Studied machine learning and sensor data and technology to track movement, spread rate and growth rate of biofilm in real time.
- Designed a wireframe to show the blueprint of the AI prototype using **Canva**.

Project Team Consultant | *Total Life*

January 2024 – May 2024

- Collaborated with the CEO and HR representative to analyze recruitment trends, identifying **onboarding** challenges and compiling solutions to improve retention and optimize the process.
- Developed and presented a comprehensive synopsis of solutions to improve student **retention** rates, including insights from faculty surveys, university representation, and diverse demographic needs.

EXPERIENCE

Mentor

Association for Information Systems

September 2024 – Present

Philadelphia, PA

- Guided a new MIS and AIS student in their new experience through being a resource for coursework, career exploration, networking/social skills, and/or college life in general.
- Scheduled regular meetings, completed three deliverables, and actively participated in mandatory mentor meetings, successfully guided mentee, improving their academic and social confidence.

Pharmacy Technician

CVS Pharmacy

August 2023 – January 2025

Huntingdon Valley, PA

- Collaborated with a team of technicians to provide support for the Pharmacist in order for customers to receive their medication efficiently and in proper form.
- Provided telephone support to patients and communicated to them about any questions or concerns and processed medical insurance claims, including Medicare, to maximize patient savings.

TECHNICAL SKILLS

Languages: Python, SQL, JavaScript, HTML, CSS

Data Tools: Tableau, Microsoft Office Applications