

Joseph O'Rourke

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EDUCATION

Temple University, Fox School of Business

Bachelor of Business Administration

Majors: Management Information Systems & Finance

May 2028

Philadelphia, PA

- **GPA: 3.81/4.0**

- **Honors:** Dean's List Spring 2025 - Present, Founder's Scholarship, Tri-Alpha Honors Society

- **Coursework:** Digital Systems, Data and Analytics, Web App Development, User Experience Design, Financial & Managerial Accounting, Data Science, Statistical Business Analytics, Legal and Ethical Reasoning in Business

WORK EXPERIENCE

Temple University

Information Technology Assistant

January 2026 – Present

Philadelphia, PA

- Provide in-class technical assistance for 100+ students in MIS 2101 to ensure seamless delivery of the lecture.
- Anticipate software or hardware issues during activities, proactively troubleshooting to minimize downtime.
- Manage office hours to provide one-on-one technical support to help students understand complex concepts.
- Refine course materials to guarantee instructional content was up-to-date and accessible for all students.

Charles Library

Library Aide

Dec. 2024 – Present

Philadelphia, PA

- Utilize Microsoft Excel to manage inventory and track requests to ensure data integrity and collection accuracy.
- Support library staff with data entry and organization of collections using Library of Congress Classification.
- Executed a tour for Prince Edward, the Duke of Edinburgh, showcasing proficiency in public-speaking.
- Operate the ASRS BookBot to manage and retrieve over 1.5 million volumes, improving user experience.

LEADERSHIP & ACTIVITIES

Temple Men's Club Volleyball

Secretary & Social Media Manager

August 2025 – Present

Philadelphia, PA

- Create and manage forms to streamline data collection, track attendance for all team activities, and distribute meeting minutes and other essential communications.
- Maintain a digital presence with consistent updates, ensuring timely communication of events and deadlines.
- Collaborate with Temple and other Universities' Club teams to ensure successful coordination of tournaments, fundraisers, community service, and other joint events.

Temple AIS

General Member

August 2025 – Present

Philadelphia, PA

- Engage in professional development and networking opportunities by attending weekly speaker events with industry professionals, gaining insights into current trends in information systems.
- Participate in 5+ technical workshops to develop hands-on data analysis skills, utilizing SQL for database querying and platforms like Tableau to create data visualizations for real-world business case studies.

PROJECTS

Titanic Survival Prediction Model Using Logistic Regression

October 2025

- Developed and implemented a Logistic Regression machine learning model in Python using scikit-learn for predictive survival analysis and validating the performance using ROC curve and a confusion matrix.
- Optimized a Logistic Regression model using Python (scikit-learn) and GridSearchCV for hyperparameter tuning, increasing the predictive accuracy to 78.7% on the held-out test set.

SKILLS

- **Data Analysis:** Python (Pandas, Seaborn, Scikit-learn, Matplotlib), Excel, SQL (MySQL), Tableau, JSON
- **App Development:** JavaScript, AJAX, HTML, CSS, Java, MongoDB, Node.js
- **Certificates:** SQL for Data Analysis (Linkedin Learning), Deloitte Data Analytics Job Simulation (Forage)