

Shanzay Khan

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EDUCATION

DePaul University

B.S in Mathematics and Computer Science

GPA 3.98 | Dean's Honors List | State Scholar | Global DePaul Scholar

Chicago, IL

Graduation June 2027

WORK EXPERIENCE

Hendrickson

Program Management Intern

- Built an AI-powered agent for program management at Hendrickson that improved operational efficiency by automating task tracking, surfacing project insights, and reducing manual coordination effort.

Woodridge, IL

Jun 2026 – Current

Premier Early Childhood Education Partners

Data Warehouse Developer Intern

- Engineered an FP&A application to unify financial and operational datasets, automating reporting workflows and significantly improving data accuracy and decision-making speed.

Chicago, IL

Mar 2026 – Current

DePaul University

IS Tier 2 Student Service Tech

- Provided technical support for faculty and staff, troubleshooting hardware and software issues on Windows and macOS systems.
- Managed and resolved service tickets using ServiceNow.
- Collaborated with cross-functional teams to resolve technical issues, ensuring minimal downtime for faculty and staff

Chicago, IL

Sept 2024 – Current

Athletics Marketing & Fan Experience Student Lead – DePaul Athletics, NCAA Division I

Oct 2023 – Current

- Execute marketing and fan engagement initiatives to enhance DePaul's athletic brand and game attendance.
- Lead on-court promotions, themed events, and sponsor activations to create dynamic gameday experiences.
- Coordinate student outreach and transportation while collaborating with ticketing and operations for seamless event execution.

Chicago Quarter Mentor

May 2025 – Dec 2025

- Mentored first-year students through academic transition, campus engagement, and resource navigation
- Collaborated with faculty and staff to deliver curriculum, facilitate discussions, and support student success

Genius Squad Tech

Mar 2025 – Sept 2025

- Provided front-line technical support for students, faculty, and staff, resolving hardware, software, and network issues across Windows, macOS, and mobile devices.

Women in Cybersecurity

Chicago, IL

Vice President DePaul Chapter

Oct 2025 – Current

- Directed chapter operations and strategic initiatives to advance women in cybersecurity; organized technical workshops, networking events, and mentorship programs to strengthen leadership, professional development, and industry engagement.

Events Coordinator

August 2024 – Oct 2025

- Organized professional networking events and workshops, coordinating industry speakers, logistics, and member engagement.

PROJECTS

Aegis Intelligence | AI-Powered Security Companion

- architected and developed an AI-based security automation tool to streamline reconnaissance, vulnerability analysis, and initial penetration testing, delivering structured threat intelligence reports with prioritized remediation recommendations.

Winner CMU Hackathon NexHacks '26 | Seda AI Researchathon

- recognized for developing high impact AI driven solutions in competitive a hackathon and research environment.

Employee Scheduling & Team Management System

- created a custom app integrating scheduling, communication, and role-based access to improve coordination by 30%.

NASA Space Apps Challenge 2025 - SpaceVitals Dashboard

- led full-stack development for a real-time astronaut health dashboard during an international hackathon, integrating backend APIs with Flask and REST alongside building a dynamic frontend interface using JavaScript for real-time data visualization

Multi-Sensor Health & Fitness Tracker

- Developed an innovative wearable health and fitness tracker utilizing Sced Xiao and Raspberry Pi technology, integrating C/C++ software for real-time GPS tracking and essential health metrics (heart rate, temperature).

LEADERSHIP & VOLUNTEER

Student Ambassador DePaul CDM | Sports Supervisor & Intramural Sports Official - DePaul Campus Recreation

Student Government

- Elected student body president twice, captain for 300+ students, and managed logistics for the largest sporting event in my city, over 1,800 attendees, ensuring smooth operations and effective task management for a team of 90+.

TECHNICAL SKILLS

Python, Java, C, SQL, JavaScript, Flask, FastAPI, React Native, Scikit-learn, Linux, Windows/macOS, Git, Firebase, Database Management, Data Analysis, Machine Learning, Predictive Modeling, API Integration, Raspberry Pi, Risk Management, Malware Removal, Network Configuration