

ZAIN KHALIL KHAN

Chicago, IL | (312) 216-9293 | zainkhalilkhan1@gmail.com
linkedin.com/in/zainkhalilkhan | github.com/zkkhan01 | zainkhalilkhan.com

EDUCATION

DePaul University

Bachelor of Science in Cybersecurity; Minor in Computer Science

Dean's List; Undergraduate Ambassador; CDM Grader. Relevant coursework: Data Structures and Algorithms, Data Analysis, Applied Computing.

Chicago, IL

Expected June 2027

WORK EXPERIENCE

NASCAR

Information Technology Intern

Daytona Beach, FL

May 2026 - Present

- Support Service Desk, Information Security, Venue Technology, and Raceday Operations across endpoint, software, network, access, and security issues.
- Assist technology deployments and troubleshooting in a high-availability motorsports environment.

Premier Early Childhood Education Partners

AI and Software Development Intern / Information Technology Intern

Chicago, IL

January 2026 - Present

- Lead five internal applications from requirements and UX design through testing and delivery, improving knowledge access, IT records, workspace administration, financial planning, and employee support.
- Provide nationwide Tier 1 support for Microsoft 365, PCs, and mobile devices; provision equipment, onboard users, and translate recurring support needs into streamlined digital workflows.

DePaul University

Technology Support Specialist - Progressive IT Roles

Chicago, IL

April 2024 - Present

- Deliver Tier 1 and Tier 2 support for Windows and macOS endpoints, accounts, software, connectivity, classroom A/V, and conferencing platforms.
- Manage ServiceNow incidents, support live academic events, document reusable solutions, maintain inventory, and coordinate escalations to restore service for students, faculty, and staff.

KAK Law Associates

Information Services Intern

Lahore, PK

July 2021 - August 2023

- Supported IT operations and troubleshooting while organizing legal documents, conducting research, responding to client inquiries, and coordinating schedules.

PROJECTS

Aegis Intelligence - Engineered an AI-assisted reconnaissance and penetration-testing platform using Nmap/Gobuster ingestion, OSINT enrichment, CVE analysis, and explainable attack-path mapping.

Aegis SOC Analyst - Built a Next.js, Prisma, and PostgreSQL SOC platform that normalizes multi-source telemetry, applies MITRE ATT&CK detections, scores incidents, generates AI narratives, and supports threat hunting.

Flight Tracker - Developed real-time Next.js/React flight intelligence combining four telemetry sources, natural-language routing, flight-phase classification, Leaflet maps, airport boards, and fault-tolerant pipelines.

Fixr - AI-Powered Tech Support - Created a multimodal support platform that diagnoses hardware and software issues through text, image, and live-camera analysis and provides real-time troubleshooting guidance.

IT Support History Analytics - Built a React, Python, and SQL platform that centralizes support history, improves issue-trend visibility, and reduces troubleshooting time for IT teams.

Khan OS - Neural Operating System - Architected a multimodal AI system that interprets natural language, executes system-level actions, automates workflows, and delivers real-time insights through a React interface.

Employee Scheduling and Team Management - Built a full-stack workforce platform with scheduling, team communication, and role-based access controls to improve operational coordination.

Automated Java and Python Grading Engine - Designed a secure platform that compiles, executes, and evaluates Java and Python submissions at scale and generates test-driven feedback

LEADERSHIP & SERVICE

DePaul University Jarvis College of Computing and Digital Media Undergraduate Ambassador and Grader. Held student leadership roles as Head Boy, Society President, Prefect, and Sports Captain; managed events for 300+ students and communicated with school leadership.

CREDENTIALS

Certified Ethical Hacker (CEH); Microsoft Security Essentials Professional Certificate; AWS Administration: Security Fundamentals; Java Foundations Professional Certificate; Machine Learning with Python Professional Certificate; 140+ credentials documented in portfolio.

TECHNICAL SKILLS

Security: SIEM, MITRE ATT&CK, Incident Response, Penetration Testing, Vulnerability Assessment, IAM, OSINT, Network & Cloud Security

Engineering: Python, Java, C, JavaScript, TypeScript, SQL, React, Next.js, FastAPI, Flask, PostgreSQL, REST APIs

Platforms/Tools: AWS, Docker, Kubernetes, Linux, Windows, macOS, Microsoft 365, ServiceNow, Git, CI/CD, Nmap, Snort, Wireshark

REFERENCES

Robert Burg - Senior Director, IT, NASCAR

Don Rath - Chief Technology Officer, Premier Early Childhood Education Partners