Kailynn Barnt

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11585 s skyview ln, Olathe, Kansas 66061

EDUCATION:

JOHNSON COUNTY COMMUNITY COLLEGE

Associates of Fine Arts in Theatrical Performance
completed 2021

Associates of Science in General Sciences
completed 2021

Computer Support Specialist Network+/Security+ Certificate
expected 2025

UNIVERSITY OF MISSOURI-KANSAS CITY

Bachelor of Computer Science
expected 2025
Masters of Data Science
Expected 2026

Minors in Actuarial science, Statistics, and Data Analytics.

RESEARCH PAPERs:

[Qingli Zeng, Kailynn Barnt, Luke Ragan, Farid Nait-Abdesselam. (2023).
Real-time UAV Network Intrusion Detection Using Active Learning and Generative Adversarial Networks.
Venue: *IEEE International Conference on Parallel and Distributed Systems (ICPADS 2023)*.]

[ZhiQiang Chen, Kailynn Barnt (2024). Testing of Generative AI for Disaster Scene Computing and Human-in-the-loop Post-disaster Decision-Making. Venue: *ASCE International Conference on Computing in Civil Engineering, 2024*.]

[ZhiQiang Chen, Kailynn Barnt, Bandana Kar. (2024). Generative AI Enabled Disaster Scene Computing for Climate Risk-Informed Communication. Venue: *48th Annual Climate Diagnostics and Prediction Workshop & the 21st Annual Climate Prediction Applications Science Workshop*.]

SKILLS:

1.Programming languages include C++, Java, Python and HTML.

2. Familiarity with most operating systems, and all microsoft office applications

3. Skilled at finding patterns in data, and creating visualizations to represent them.

4. Able to pick up software quickly if shown, and able to communicate needs effectively

PREVIOUS WORK:

1. Crescendo Conservatory - Office Assistant and Dance Instructor

       -responsible for maintaining the daily operations of the school
       -answering phones and emails
       -keeping paperwork and digital information organized.

2.UMKC - Work-Study research assistant

       -Worked under a professor, assisting with research
       -Gathered and analyzed data
       -Compiled pertinent research done by others to assist understanding of the topics required

3.UMKC - Undergraduate research intern

       -Gained skills in searching for and reading academic papers
       -Learned basic AI skills, such as Pytorch and Tensorflow

       -Successfully worked with another student in creating synthetic data using CTGAN

HOBBIES/ EXTRAS:

-Freelance dancer and aerialist, working for several artist groups in the area to help pay for education
-10+ years of classical ballet training,
-3+ in aerial hoop, silks, dance trapeze, and contortion
-Attended school on both academic and theater performance scholarships.