

Matthew Jones

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CAREER OBJECTIVE

As a Computer Science undergraduate student at the University of Kentucky, I am deeply passionate about artificial intelligence and the legislation surrounding it. I am eager to leverage my knowledge and skills through summer internships and work opportunities that align with a company's mission and contribute to meaningful advancements in AI.

EDUCATION

University of Kentucky, Lexington, Kentucky (4.0 GPA) Projected Graduation, May 2027
4 Semesters High Honor Roll Dean's List

- Major: Computer Science, 79 Credit Hours Complete
- Minors: Mathematics and Vocal Performance
- Artificial Intelligence Certificate
- Study Abroad Semester in Bilbao, Spain (Universidad de Deusto)

Collegiate Activities

- Social Media Chair, acoUstiKats
- Member, UK Men's Chorus
- Treasurer, Tau Beta Pi

William Fremd High School, Palatine, Illinois (4.733/3.927 GPA) 2019-2023

High School Activities

- Cross Country: All-Conference Varsity Captain; IHSA Scholastic Achievement Award
- Track & Field: IHSA State Qualifier, 4x800M & 4x400M Relays
- Choir: Two-time ILMEA District VII Qualifier

CORE QUALIFICATIONS

- Programming Languages: C++, Python, R, JavaScript, HTML, CSS
- Software & Tools: MATLAB, Verilog, Linux, Microsoft Office
- Projects:
 - *RAG AI*: Designed a Retrieval-Augmented Generation model with varying embedding models and LLMs.
 - *C++ Query Auto-completing Program*: Developed a predictive text tool to improve user experience.
 - *Arduino-Based Rotating Platform*: Built a motorized platform with integrated hardware and software.
 - *Website Creation*: Designed and deployed a responsive website using modern web technologies.

PROFESSIONAL DEVELOPMENT

- UK AI/ML Research Symposium March 2024, November 2024
- UK Commonwealth Computational Sciences Summit on AI October 2023

WORK EXPERIENCE

AI Researcher, University of Kentucky Center for Computational Sciences October 2024 - Present

- Conduct research on emerging AI tools and methodologies
- Collaborate with faculty in the CS department and other disciplines to develop and optimize RAG AI models

Lavner Education Summer Teacher Intern, British International School Chicago Summer 2024

- Excited students with fun and fascinating STEM facts
- Prepared and taught lessons on subjects ranging from STEM in Medicine to C++

YMCA Sports Camp Counselor, Buehler YMCA, Palatine, Illinois Summer 2022 and Summer 2023

- Established rules and regulations to ensure camper safety
- Helped campers enjoy learning sports by being an exciting leader and ensuring safety

Attractions Host, Legoland Discovery Center, Schaumburg, Illinois Summer 2021

- Enhanced guest experience through interpersonal communication using English and Spanish