

Shree Khambekar

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Education:

<i>University of Missouri-Kansas City (UMKC)</i>	Expected May 2027
Bachelor of Science in Computer Science	GPA: 4.00 / 4.00
Bachelor of Science in Mathematics and Statistics	GPA: 4.00 / 4.00

Technical Skills:

- *Frontend:* HTML, CSS, JavaScript, jQuery
 - *Backend:* Python, C++, PHP
 - *Databases:* MySQL
 - *Tools:* Git, GitHub, Microsoft Office
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Programming Projects:

Grocery Store Simulation (C++)

- Programmed a simulation of grocery store checkout lanes determined by various factors, such as customer entry rate, number of checkout lanes, number of items purchased, and checkout time
- Incorporated user-defined input of the number of checkout lanes, allowing companies to optimize customer flow and checkout efficiency

Sentiment Analysis (C++)

- Developed a program that calculates the sentiment of text reviews based on predetermined sentiment values for individual words, enabling companies to analyze review trends
- Implemented additional functionality allowing adjustment of the original sentiment of text reviews through replacement of words with differing sentiment values

Media Library (C++)

- Created a media library to read and manage a collection of media types (e.g., songs, books, movies) from a file, establishing efficient storage and organization of media data
 - Enabled functionality for adding media items to the library through user input and displaying the library based on media type, genre, and rating, ensuring a seamless user experience
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AI Research Experience:

Undergraduate Research Assistant, Computer Science Department, UMKC

Mentor: Dr. Rui Duan

January 2025 – April 2025

- Investigated AI methods for detecting deepfake voices by finding and evaluating free, effective voice-cloning and detection tools, including a neural speaker embedding system based on the Deep Speaker model (2017) and online deepfake detector tools (e.g., Hive)
 - Utilized PyTorch and TensorFlow on Google Colab to implement and adapt the Deep Speaker-based model to compare real and synthetic voice samples from the same speaker, evaluated its performance against deepfake detector tools, and presented findings at UMKC's symposium
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Professional Experience:

Professional Career Escalators (Scholarship Program), Member, UMKC

August 2023 – Present

- Participate in hands-on learning experiences, leadership development, networking, and career coaching to build skills for future career success
- Maintain scholarship eligibility by demonstrating consistent academic and professional excellence

Academic Support and Mentoring, Computer Science Tutor, UMKC January 2024 – December 2024

- Delivered one-on-one instruction for college-level Computer Science and Mathematics courses
 - Recognized as Tutor of the Month for exceptional communication skills, work ethic, and initiative
 - Continuously learned and reviewed unfamiliar course content to ensure high-quality support
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Leadership Experience:

School of Science and Engineering (SSE), Senator, UMKC May 2025 – Present

- Successfully campaigned and elected as an SSE Senator for UMKC's Student Government
- Engage with students to identify campus concerns and represent their interests in governance
- Analyze, research, and monitor campus affairs to develop and support legislative initiatives

Attuned Wellness (Student Organization), President, UMKC July 2024 – May 2025

- Collaborated with the Vice President and Treasurer to plan engaging events for 130+ members
 - Resolved budgeting, finance, and room reservation issues proactively through problem-solving
 - Finalist for UMKC's "Emerging Leader of the Year" award, recognizing leadership excellence
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Retail Experience:

Icing (Claire's Subsidiary), Store Manager, Saint Louis, MO June 2025 – August 2025

- Directed daily store operations including cash handling, merchandising, financial reporting, and customer service, often as the sole employee on duty
- Adapted to evolving corporate guidelines and maintained sales performance during heavy foot traffic following Claire's Chapter 11 Bankruptcy

Michaels, Cashier and Sales Floor Associate, Saint Louis, MO May 2024 – July 2024

- Communicated with colleagues to consistently meet sales goals and address customers' needs
- De-escalated tense customer situations, maintaining a safe and positive store environment
- Assisted customers to ensure a pleasant shopping experience, offering personalized support