

Shree Khambekar

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Education:

University of Missouri-Kansas City (UMKC)

Bachelor of Science in Computer Science

Bachelor of Science in Mathematics and Statistics

Expected May 2027

GPA: 4.00 / 4.00

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Technical Skills:

- *Frontend:* HTML, CSS, JavaScript, jQuery
 - *Databases:* MySQL
 - *Backend:* Python, C++, PHP
 - *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

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

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