Kavya Rajendran

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EDUCATION

Ph.D., Human Centered Computing (CGPA: 3.89/4) 2025-2029
University of Maryland-Baltimore County, USA. [Expected]

M.S., Human Centered Computing (CGPA: 3.88/4) 2022-2024
University of Maryland-Baltimore County, USA.

B.E., Computer Science Engineering (CGPA: 8.96/10) 2018-2022
Sri Venkateswara College of Engineering (SVCE), Sriperumbudur, India

PROFESSIONAL EXPERIENCE

Research Experience

Affective Behavior Interaction Lab: Research Volunteer – 2025-Present.
Negotiating Cyber Systems Access for Older Adult Couples with Concerns about Memory Loss: Graduate Student Assistant – 2023.

Teaching Experience

Fundamentals of HCI (IS 303/HCC 629)): Teaching Assistant, UMBC – Fall 2026.
User Interface Design (IS 403): Teaching Assistant, UMBC – Fall 2025-Spring 2026.
The Practice of Management (MGMT 210): Teaching Assistant, UMBC – Spring 2026.
Interaction Design (IS 667): Teaching Assistant, UMBC – Spring 2026.
Introduction to Assistive Technology and Accessibility Research (HCC 741): Teaching Assistant, UMBC – Fall 2025, Fall 2026.

Internship Experience

Web Development Intern, MVDS Industries, Chennai, India – May 2021.

PUBLICATIONS, PRESENTATIONS & CREATIVE ACHIEVEMENTS

Publications

Shared first authorship is notated with a section sign (§).

Peer-Reviewed (Conference Proceedings and International Journal)

[C1] §Moharrer, G., §**Rajendran, K.,** Pinto, R., Kleinsmith, A. (2025). Write! Draw! Move!: Investigating the Effects of Positive and Negative Self-Reflection on Emotion through Self-Expression Modalities. In *Proceedings of the 27th International Conference on Multimodal Interaction* (pp. 540-549). ICMI '25: International Conference on Multimodal Interaction. ACM. https://doi.org/10.1145/3716553.3750798
[J1] Rajendran, K. G., Annadurai, K., **Rajendran, K.,** Rathnakumar, P. S. (2022). Sentiment Analysis on Movie Reviews. *International Journal of Science & Engineering Development Research* 7(7), 5 – 10, ISSN:2455-2631.

Works in Preparation

§**Rajendran, K.,** §Moharrer, G., Lambert,V., Kleinsmith, A. (In preparation). Investigating the Physiological Effects of Positive and Negative Self-Reflection on Emotion through Self-Expression Modalities.
Rajendran, K., Kleinsmith, A. (In preparation). The Emotional Side of Reading News through Social Media for International Students in the US.

Poster Presentations

Presenter, "*The Emotional Side of Reading News through Social Media for International Students in the US*": UMBC College of Engineering and Information Technology (COEIT) Research Day, May 2026.
Presenter, *"Write! Draw! Move!: Effects of Positive and Negative Self-Reflection on Emotion through Self-Expression Modalities"*: UMBC College of Engineering and Information Technology (COEIT) Research Day, April 2025.

HONORS, FELLOWSHIPS & AWARDS

Top 4 Winner, cult.fit Product Case Study Challenge, HelloPM – 2023.
Third Place, Poster Contest, Computer Science Department, SVCE – 2020.

SERVICE TO THE DEPARTMENT, UNIVERSITY, COMMUNITY & PROFESSION

Committees

Executive Committee Member, Know-I Research Forum, SVCE – 2020-2022.
Organizing Committee Member, Know-I Research Forum, SVCE – 2019-2022.

Mentoring

AI/ML Mentor: Know-I Research Forum, SVCE – 2020-2022.

Volunteering

Student Volunteer: ACM Technical Symposium on Computer Science Education (SIGCSE TS) – 2024.
Student Volunteer: Brand New Conference (BNConf) – 2023.

Community Service

Math Coach (Part-Time), UMBC Sherman Scholars Reach Together Tutoring Program, Multiple Elementary and Middle Schools (Cherry Hill, Arundel, Curtis Bay, Park Heights, Fallstaff) – Fall 2023 - Fall 2024.
Math Tutor Volunteer: Building STEPS Math, UMBC – Summer 2023.
YRC Volunteer: Youth Red Cross, SVCE – 2020-2022.

Membership in Professional Societies

Association for Computing Machinery (ACM) – 2019-Present.
ACM Special Interest Group on Computer-Human Interaction (SIGCHI) – 2023-Present.
The Center for Women in Technology (CWIT) – 2022-Present.
Indian Graduate Student Association at UMBC (EKTA) – 2022-Present
Know-I Research Forum - SVCE – 2019-2022.