SWATI RAJWAL

EDUCATION

Emory University, USA
CSI PhD, swati.rajwal@emory.edu

2023 - 2028
CGPA: 3.978/4

Netaji Subhas University of Technology
Master of Technology (M.Tech.) Computer Science

2020 - 2022
Dept. Rank 1, Gold Medalist

Indira Gandhi Delhi Technical University for Women
Bachelor of Technology (B.Tech.) Computer Science & Engineering

2014-2018
First Class with Distinction

ACADEMIC POSITIONS

Boston Children's Hospital aff. Harvard Med. School
Comp. Health Informatics Program w/ Dr. Majumder

June - Aug 2025
Boston, USA

Emory University Center for AI Learning
Research Fellow & Lead for AI.Data Lab

Jan - May 2025
Georgia, USA

University of Cambridge
Engineering Dept., Research Assistant w/ Dr. Mancini

Jan - Aug 2023
Cambridge, UK

University of Oxford
Saïd Business School, Research Assistant

Aug - Dec 2022
Remote, UK

PUBLICATIONS

* **Rajwal S**, Garg S, Abdel-Salam R, Zayed A. 2025. *Do Biased Models Have Biased Thoughts?* [COLM][NeurIPS]

* **Rajwal S**, et al. 2024. *Concerns Identification in Social Media Breast Cancer Cohort.* CL4H, LREC-COLING

* **Rajwal S** et al. *Understanding LLMs' Rating Behaviors on Novel Psychoactive Substances.* [AMIA'25 Poster]

* Walker D... **Rajwal S** et al. 2025. *Centering Patient Voices in Lupus Pain.* [Arthritis Care & Research]

* **Rajwal S**, Pandey A, 2025. *Ethical judgment of large language models in financial market abuse* [ACM ICAIF]

* Das S, Ge Y, Guo Y, **Rajwal S**, et al. 2025. *RAG for Low-Resource Medical QA using Reddit* [JMIR] [AMIA]

* Guo Y, **Rajwal S**, et al. 2023. *Generalizable NLP for Migraine Reporting from Social Media.* [AMIA] [Code]

* **Rajwal S**, et al. 2024. *Knowledge-Enhanced Few-Shot ICL for Medical Error.* Clinical NLP at [NAACL].

* Romanou A... **Rajwal S.** et al. *Evaluating Multilingual Language Understanding w/ Knowledge* [ICLR 2025]

* **Rajwal S**, et al. 2024. *NLP & LLMs for SDOH: Protocol for Systematic Review.* [Paper], [Protocol]

* Das S, Walker D, **Rajwal S**, et al. *Self-Harm using sodium nitrite in an online suicide community.* [JMIR][Code]

* Zheng X, **Rajwal S** et al. 2025. *Short-term variability of chronic musculoskeletal pain.* [Paper], [Pyschopy]

* **Rajwal S**. 2023. LiHiSTO: *A Comprehensive List of Hindi Stopwords.* Springer. [Paper], [Code]

* **Rajwal S**. 2023. *Design of a Chatbot for Children Based on Emotional Intelligence.* [Paper]

* **Rajwal S** & Aggarwal S. 2023. *CNN-Based EEG Signal Analysis: A Systematic Review.* [Paper]

* Working Papers: Full list at arXiv

REVIEWING ACTIVITIES

* AMIA 2025: Informatics Summit, CIC, Annual Symp.
* 2025: ICLR, APHA Annual Meet; IEEE-EMBS BHI; WiML NeurIPS
* 2024: WiML NeurIPS; JAMIA; ClinicalNLP NAACL
* SMM4H Co-organizer: ACL 2024 and ICWSM 2025

AWARDS & SCHOLARSHIPS

* AMIA LEAD Fund Trainee & Early Career Scholarship 2025
* Family Process Institute New Writers Fellowship 2025
* **Travel Awards**: COLM (2025); WiML NeurIPS by NSF (2024);
* **Emory**: Professional Development Funds Awardee (2025); Women in Natural Sciences Fellowship (2023-25)
* Research Award (2025) and Vice Chancellor's Gold Medalist (2023)
* AICTE Post Graduate scholarship by Govt. of India (2020-22)
* AI Education Foundation travel grant to present at Mediterranean ML Summer School (Italy, 2022)

MAGAZINE ARTICLES

* 2025: The Art of Understanding and Connecting with Your Future Professor (ACM XRDS)
* 2024: A computer scientist's role in Neuroscience (Women in Neuroscience UK)
* 2022: Multitasking in humans (IEEE Magazine) and Writing a research request email (ACM XRDS)

SHADOWING EXPERIENCES

* Dr. Andrew Fine: Emergency Medicine, Boston Children's Hospital

EMORY LEADERSHIP

* **Ambassador**: Laney Graduate School (2025-26); Jones Program in Ethics (2025); CS PhD (2024–25)
* **Mentor**: Women in Science (2025-26, 2023-24); RHA for undergraduates (2025-26)

EXTRA-CURRICULAR

* AMIA NLP Working Group Member-at-Large Student Representative 2026-27
* NSF AI Institute for Societal Decision Making Student Leadership Council (SLC)
* Project lead at Cohere labs, open source community
* Accepted to the 2025 Summer School in Responsible AI and Human Rights, Mila
* Member and Mentor at Rewriting the Code since 2019
* Google's Women Techmakers Ambassador Cohort of 2022

INDUSTRY EXPERIENCE

Eaton Corporation   2018 - 2020
Associate Software Engineer, Full Time   *Pune, India*

Accenture Research Lab   Feb - Aug 2022
Innovations for Sustainability, R&D Senior Analyst Intern   *Bangalore, India*