

Saumya Pareek

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Appointments

- **Interactive Intelligent Systems Laboratory, The University of Tokyo, Japan.**
Mar 2025 - May 2025. Visiting Researcher.

Education

- **PhD in Human-Computer Interaction**
Supervisors: A/Prof Jorge Goncalves, Prof Eduardo Velloso
University of Melbourne, Australia
Dec 2022 - Present
- **Master of Information Technology (with distinction)**
Specialising in Human-Computer Interaction
University of Melbourne, Australia
WAM: 91.11/100 (Dean's Honours List)
Feb 2021 - Nov 2022
- **Bachelor of Science (Honours) – Computer Science (with distinction)**
MINOR: Mathematics
Delhi University, India
GPA: 9.65/10
Jul 2017 - Sep 2020

Teaching Experience

- **Head Tutor – University of Melbourne**
INFO90007: Social Computing (Jul 2022 – Present)
INFO30005: Advanced Interface Prototyping (Feb 2024 – Jun 2024)
 - Assisted with the design, development, and refinement of subject curriculum, and teaching and learning activities
 - Delivered tutorials and workshops for graduate and undergraduate students
 - Evaluated student assignments and projects
- **Tutor – University of Melbourne**
INFO10003: Fundamentals of Interaction Design (Jul 2023 - Nov 2023)
INFO30005: Advanced Interface Prototyping (Feb 2023 – Jun 2023)

Publications

2025

- S. Pareek, S. Schombs, E. Velloso, J. Goncalves. *"It's Not the AI's Fault Because It Relies Purely on Data": How Causal Attributions of AI Decisions Shape Trust in AI Systems.* In *Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI'25)*. **Honourable Mention Award (top 5% of papers)**
- N. Boonprakong, S. Pareek, B. Tag, J. Goncalves, T. Dingler. *Assessing Susceptibility Factors of Cognitive Biases in News Feed Reading.* In *Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI'25)*.
- S. Gunasekara, S. Pareek, R. M. Kelly, J. Goncalves. *The Influence of Content Modality on Perceptions of Online Misinformation.* In *Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI'25)*.
- J. Govers, S. Pareek, E. Velloso, J. Goncalves. *Feeds of Distrust: Investigating How AI-Powered News Chatbots Shape User Trust and Perceptions.* *ACM Transactions on Interactive Intelligent Systems*.
- C. Sew, S. Pareek, J. Govers, S. Schombs, R. M. Kelly, J. Goncalves. *"The Impact of Human-Likeness and Self-Disclosure on Message Acceptance in Virtual AI Influencers."* In *Proceedings of the ACM SIGCHI Conference on Designing Interactive Systems (DIS'25)*.

2024

- S. Pareek, N. van Berkel, E. Velloso, J. Goncalves. *Effect of Explanation Conceptualisations on Trust in AI-Assisted Credibility Assessment.* In *Proceedings of the ACM on Human-Computer Interaction (CSCW)*.
- S. Pareek, E. Velloso, J. Goncalves. *Trust Development and Repair in AI-Assisted Decision-Making during Complementary Expertise.* In *Proceedings of the ACM Conference on Fairness, Accountability, and Transparency (FAccT'24)*.

- **S. Pareek**, J. Goncalves. *Peer-supplied Credibility Indicators as an Online Misinformation Intervention*. *International Journal of Human-Computer Studies*.
- S. Schömb, **S. Pareek**, J. Goncalves, W. Johal. *Robot-Assisted Decision-Making: Unveiling the Role of Uncertainty Visualisation and Embodiment*. In *Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI'24)*.
- S. Wadinambiarachchi, R. M. Kelly, **S. Pareek**, Q. Zhou, E. Velloso. *The Effects of Generative AI on Design Fixation and Divergent Thinking*. In *Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI'24)*.
- **S. Pareek**, N. van Berkel, E. Velloso, J. Goncalves. *How Different Explanation Conceptualisations Influence Trust in AI-Assisted Credibility Assessments*. In *Adjunct Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI'24 EA)*.

Supervision, Leadership, and Service

- **Supervised Master's Theses at The University of Melbourne**
 - **100-points (year-long)**
 - 2024. Jasmine Liang. *Towards Transparency and Explainability in AI-Assisted Decision-Making*.
 - **25-points (semester-long)**
 - 2023. Yiwei Li. *Investigating Misinformation Perception and Correction Modalities on Twitter*.
- **Conference Reviewer:** CHI, CSCW, INTERACT, HRI, and DIS.
- **Student Volunteer:** UbiComp 2024, CIS Doctoral Consortium 2024 (University of Melbourne)
- **President**, 'Pixelated Coders' Programming Society (PCPS), Delhi University, India (2018-2019)

Awards & Scholarships

- **Honourable Mention Award - ACM CHI (2025)**
- **Google Ph.D. Fellowship in Human-Computer Interaction (2024)**
- **Len Stevens Scholarship (2024)**
University of Melbourne, Australia
- **Best Presentation Award, Doctoral Consortium (2024)**
University of Melbourne, Australia
- **People's Choice Award, Graduate Research Showcase (2024)**
University of Melbourne, Australia
Awarded for the most engaging and impactful poster presentation, as voted by attendees.
- **Google Ph.D. Travel Scholarship (2024)**
Awarded to present a paper at a top-tier Computer Science conference.
- **E. W. P. Kernot Memorial Bursary (2023)**
University of Melbourne, Australia
- **Dean's Honours List (2022)**
University of Melbourne, Australia
Awarded in recognition of outstanding academic performance, representing the top 5% of students enrolled in the University's Master of Information Technology programme.
- **Melbourne Graduate Scholarship (2022)**
University of Melbourne, Australia
- **Melbourne School of Engineering Foundation Scholarship (2022)**
University of Melbourne, Australia
- **Melbourne School of Engineering Scholarship (2021)**
University of Melbourne, Australia
- **2nd Rank in College, B.Sc. (Honours) Computer Science (2020)**
University of Delhi, India
- **Gold Medal, Secondary & Senior Secondary School (2011 – 2017)**
Awarded for outstanding academic excellence (top 1% of cohort) for seven consecutive years.
Delhi Public School, Vasant Kunj, India