

vishāl sharma, phd

Assistant Professor

School of Information Sciences

University of Illinois Urbana-Champaign, IL, USA

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APPOINTMENTS

University of Illinois Urbana-Champaign, IL, USA

2026– *Assistant Professor* (tenure-track), School of Information Sciences

University of Notre Dame, IN, USA

2025– *Provost's Postdoctoral Fellow*, Department of Computer Science and Engineering

Georgia Institute of Technology, GA, USA

2024–2025 *Graduate Research Assistant*, Tandem Lab

2022–2024 *Graduate Fellow*, Brook Byers Institute for Sustainable Systems

2020–2022 *Research Assistant*, GVU Center

2019–2020 *Graduate Research Assistant*, Tandem Lab

Integrated Design, Bangalore, India

2023 *Research Collaborator*

IIT Delhi, New Delhi, India

2022 *Research Intern*, ACTD Lab & Gram Vaani

University of California-Irvine, CA, USA

2017–2019 *Graduate Research Assistant*, Department of Informatics

Informatica Inc., Bangalore, India

2016–2017 *Software Engineer*, Master Data Management Team

2015–2016 *Software Trainee*, Master Data Management Team

2014–2015 *Software Intern*, Master Data Management Team

EDUCATION

Georgia Institute of Technology, GA, USA

2019–2025 *Ph.D. in Human-Centered Computing*, School of Interactive Computing

University of California-Irvine, CA, USA

2017–2019 *M.S. in Information and Computer Science*, Donald Bren School of Information and Computer Science

Chitkara University, HP, India

2011–2015 *B.E. in Computer Science and Engineering*, Chitkata School of Engineering and Technology

GRANTS & FELLOWSHIPS

2024 Towards Responsible Integration of Generative AI in Creative Game Development Work. Neha Kumar, **Vishal Sharma**, and Eleanor Mather. Foundations and Applications of Generative AI from Microsoft Research and the Institute for Data Engineering and Science at Georgia Tech. Total award: \$40,600 USD.

2023–2024 Nurturing Climate-Aware Knowledge Networks towards Environmental Justice. Neha Kumar and **Vishal Sharma**. Sustainability Next Grant from the Office of Sustainability at Georgia Tech. Total Award: \$60,000 USD

2022 Designing Ecologically Sustainable Artificial Intelligence Systems. **Vishal Sharma**. Graduate Fellowship from the Brook Byers Institute for Sustainable Systems at Georgia Tech. Total Award: \$125,000 USD.

2023 Gary Marsden Travel Award, SIGCHI (\$2,500)

2023 Graduate Programs Office Grant, Georgia Tech (\$600)

2022 Engineering for Change Fellowship, Verein Deutscher Ingenieure (Declined)

2021 COVID Disruption Funds, Georgia Tech (\$29,000)

2019 Council of Research, Computing, and Libraries Grant (w/ Bonnie Nardi), UC Irvine (\$3,000)

AWARDS & RECOGNITIONS

2026 ACM Transactions on Computer-Human Interaction Distinguished Reviewer Board, TOCHI

2025 Special Recognition for Sustainable Practices, CHI

2024 Foley Scholars Finalist, IPaT, Georgia Tech

2024 Special Recognition for Outstanding Reviews, CHI

2022 Special Recognition for Outstanding Reviews, CSCW

2021 Special Recognition for Outstanding Reviews, CHI

2019 Interaction Design for International Development Award, INTERACT

2017 Innovation and Excellence Award, Informatica Inc.

2016 Accountability & Integrity Award, Informatica Inc.

PEER-REVIEWED PUBLICATIONS

[Google Scholar](#) | [ORCID](#)

Premier venues in Computer Science and Human-Computer Interaction research are predominantly ACM-sponsored conferences. These venues are highly selective, intended for archival contributions, and often surpass journals in selectivity, visibility, and impact within the field. Submissions undergo a rigorous, multi-stage peer review process prior to acceptance.

* indicates co-first author

Books

[B1]. **Vishal Sharma**. *Technology at the End of Growth*. *In Preparation*.

Dissertation/Thesis

[D2] **Vishal Sharma**. *And Now, Post-growth Human-Computer Interaction*. Ph.D. Dissertation Committee Members: Neha Kumar (Chair), Bonnie Nardi, Shaowen Bardzell, Rebecca E. Grinter, and Ellen Zegura. School of

Interactive Computing, College of Computing, Georgia Institute of Technology. 2025.

[D1] **Vishal Sharma**. [Social Media During Slow Crises](#). Masters Thesis Committee Members: Bonnie Nardi (Chair), Bill Tomlinson, and Matthew Beitz. Department of Informatics, Donald Bren School of Information and Computer Science, University of California-Irvine. 2019.

Refereed Conference, Journal, and PACM (Conference-Journal Hybrid) Papers

[P13] **Vishal Sharma**, Asra Sakeen Wani, Sonia Chiasson, and Karla Badillo-Urquiola. [On AI Discontinuance](#). 2026. *Under Review*.

[P12] **Vishal Sharma**, Anupriya Tuli, Asra Sakeen Wani, Philip Engelbutzeder, Hongjin Lin, Karin Hansson, Karla Badillo-Urquiola, Neha Kumar, and Bonnie Nardi. [Post-Growth Human–Computer Interaction: A Becoming](#). 2026. *Under Review*.

[P11] Nimra Ahmed, Mirjam Alexandra Weibel, **Vishal Sharma**, Adrian Petterson, Jasmine C Foriest, and Elaine M. Huang. [Practicing Community-Led Design Justice: Rethinking Participation with At-Risk Communities](#). In Proceedings of the 2026 ACM Designing Interactive Systems Conference. 2026.

[P10] **Vishal Sharma***, Eleanor Mather*, Pejman Mirza-Babaei, and Neha Kumar. [Beyond Extraction? Generating Games With AI, Responsibly](#). 2026. In Proceedings of the 2026 ACM Designing Interactive Systems Conference. 2026.

[P9] **Vishal Sharma**, Anjali Karol Mohan, and Neha Kumar. [Whose Data Builds the City? Critical Data Practices for Socio-Environmentally Just Urbanization](#). ACM 2026 CHI Conference on Human Factors in Computing Systems (CHI '26). Association for Computing Machinery. 2026.

[P8] Hellina Hailu Nigatu*, Farhana Shahid*, **Vishal Sharma**, Abigail Oppong, Michaelanne Thomas, and Syed Ishtiaque Ahmed. [UnWEIRDing Peer Review in Human–Computer Interaction](#). ACM 2026 CHI Conference on Human Factors in Computing Systems (CHI '26). Association for Computing Machinery. 2026.

[P7] **Vishal Sharma** and Neha Kumar. [Sustainability, Development, and Human–Computer Interaction](#). Proceedings ACM 2025 CHI Conference on Human Factors in Computing Systems (CHI '25). Association for Computing Machinery. 2025. **Special Recognition for Sustainable Practices.** 🏆

[P6] **Vishal Sharma**, Shivani A. Mehta, Neha Kumar, and Aaditeshwar Seth. [Whose Participation Counts? Towards Technology-Mediated Equitable Futures of Development Work](#). Proceedings ACM Human-Computer Interaction, CSCW. 2024.

[P5] **Vishal Sharma**, Neha Kumar, and Bonnie Nardi. [Post-growth Human–Computer Interaction](#). ACM Transactions on Computer-Human Interaction (TOCHI), 31(1), 1-37. 2023.

[P4] **Vishal Sharma**, Kirsten Bray, Neha Kumar, and Rebecca E. Grinter. [It Takes \(at least\) Two: The Work to Make Romance Work](#). In Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems (CHI '23). Association for Computing Machinery, New York, NY, USA, Article 566, 1–17. 2023.

[P3] **Vishal Sharma**, Kirsten E. Bray, Neha Kumar, and Rebecca E. Grinter. [Romancing the Algorithm: Navigating Constantly, Frequently, and Silently Changing Algorithms for Digital Work](#). Proceedings ACM Human-Computer Interaction 6, CSCW2, Article 538 (November 2022), 29 pages. 2022.

[P2] Sarah Cooney, **Vishal Sharma**, Joshua Palmer, Neha Kumar, Barath Raghavan. [Alternative Pathways to Caring for Limits: The Case of Ecospirituality](#). In the Eighth Workshop on Computing within Limits. 2022.

[P1] **Vishal Sharma**, Bonnie Nardi, Juliet Norton, AM Tsaasan. [Towards safe spaces online: A study of Indian matrimonial websites](#). In Human-Computer Interaction–INTERACT 2019: 17th IFIP TC 13 International Conference, Paphos, Cyprus, 2–6, Proceedings, Part III 17 (pp. 43-66). Springer International Publishing. **Interaction Design for International Development Award**. 2019. 🏆

Refereed Workshop, Posters, & SIGs Papers (Lightly Peer-Reviewed)

[W11] Aparajita Marathe, Barbara N. Carreras, **Vishal Sharma**, Maitraye Das, and Anne Marie Piper. [Re-imagining Workplace Accessibility in Diverse Organizational Contexts](#). In Companion Publication of the 2026 Conference on Computer Supported Cooperative Work and Social Computing. CSCW. 2026.

[W10] Johanna Olesk, Cassandra Barco, **Vishal Sharma**, Christian Farls, Lindsay Roney, Kate Schinaman, Samuel Sokolsky-Tiftt, Karla Badillo-Urquiola. [Jumping Through Hoops to Exist": System-Involved Youth Navigating Resources in the Transition to Adulthood](#). In Extended Abstracts of the CHI Conference on Human Factors in Computing Systems. 2026.

[W9] **Vishal Sharma**, Hongjin Lin, Jasmine Lu, Han Qiao, Asra Sakeen Wani, Christina Bremer, Philip Engelbutzeder, Christoph Becker, Neha Kumar, and Anupriya Tuli. [Cultivating Pedagogies for Post-Growth HCI](#). In Extended Abstracts of the CHI Conference on Human Factors in Computing Systems. 2026.

[W8] Yuxi Wu, Beatriz Palacios Abad, **Vishal Sharma**, Hanlin Li, and Alexandra To. [Alternative Technology Consumption Under Capitalism](#). In Companion Publication of the 2025 Conference on Computer Supported Cooperative Work and Social Computing. CSCW. 2025.

[W7] **Vishal Sharma**, Hongjin Lin, Jared Katzman, Asra Sakeen Wani, Anupriya Tuli, Naveena Karusala, Shaowen Bardzell, Christoph Becker, Martin Tomitsch, and Neha Kumar. [Advancing Post-growth HCI](#). In Extended Abstracts of the CHI Conference on Human Factors in Computing Systems. 2025.

[W6] **Vishal Sharma**, Neha Kumar, Pejman Mirza-Babaei, Aakash Gautam, Cindy Lin, Volker Wulf, and Nazanin Andalibi. [Nurturing Digitally Mediated Post-Growth Work Economies](#). In Companion Publication of the 2024 Conference on Computer Supported Cooperative Work and Social Computing. CSCW. 2024.

[W5] Louisa Kayah Williams, Rayan Awad Alim, **Vishal Sharma**, Reem Talhouk, Marisol Wong-Villacrés, Lynn Kirabo, Tajanae Harris, Dipto Das, Carleen Maitland, Bryan Semaan, Syed Ishtiaque Ahmed, and Robert Soden. [HCI, Mobility Justice, and Migration in the Face of Climate Crisis](#). In Companion Publication of the 2024 Conference on Computer Supported Cooperative Work and Social Computing. CSCW. 2024.

[W4] **Vishal Sharma**, Anupriya Tuli, Asra Sakeen Wani, Anjali Karol Mohan, Bonnie Nardi, Marc Hassenzahl, Morgan Vigil-Hayes, Rikke Hagensby Jensen, Shaowen Bardzell, and Neha Kumar. [Post-growth HCI: Co-Envisioning HCI Beyond Economic Growth](#). In Extended Abstracts of the CHI Conference on Human Factors in Computing Systems. 2024 (pp. 1-7).

[W3]. **Vishal Sharma**, Christianah Titilope Oyewale, Eldy S Lazaro Vasquez, Asra Sakeen Wani, Eunice Sari, Joycelyn

Longdon, Laura Cabrera-Quiros, Pushpendra Singh. [Sustainabilities and HCIs from the Souths](#). In *Extended Abstracts of the CHI Conference on Human Factors in Computing Systems*. 2024 (pp. 1-5).

[W2] Citational Justice Collective, Gabriela Molina León, Lynn Kirabo, Marisol Wong-Villacres, Naveena Karusala, Neha Kumar, Nicola Bidwell, Pedro Reynolds-Cuellar, Pranjal Protim Borah, Radhika Garg, Sushil K Oswal, Tee Chuanromanee, **Vishal Sharma**. [Following the trail of citational justice: critically examining knowledge production in HCI](#). In *Companion Publication of the 2021 Conference on Computer Supported Cooperative Work and Social Computing, CSCW*. 2021 (pp. 360-363).

[W1] Citational Justice Collective, Debora de Castro Leal, Gabriela Molina Leon, Juan F Maestre, Kristin Williams, Marisol Wong-Villacres, Pedro Reynolds-Cuellar, Sushil K Oswal, Teresa Cerratto Pargman, **Vishal Sharma**. [Citational practices: Interrogating hegemonic knowledge structures in computing research in Latin America](#). In *Proceedings of the X Latin American Conference on Human Computer Interaction*. 2021.

Articles

[A8] **Vishal Sharma**. [Reflection, Reckoning, and Refusal: A Dissertation Journey](#). *XRDS: Crossroads, The ACM Magazine for Students*. 2025.

[A7] **Vishal Sharma**, Asra Sakeen Wani, Christoph Becker, Douglas Schuler, Raphaël Marée, Anupriya Tuli, Rikke Hagensby Jensen, Han Qiao, Aparajita Marathe, and Neha Kumar. [An Emerging Case of Post-growth in HCI](#). *XRDS: Crossroads, The ACM Magazine for Students*. 2025.

[A6] **Vishal Sharma**, Neha Kumar, and Bonnie Nardi. [Post-growth HCI: Some Reflections and A Call to Action](#). *ACM Interactions*. 2025.

[A5] Robert Soden, **Vishal Sharma**, Matthew Louis Mauriello, Nicola J. Bidwell. [Climate for Change: New HCI Research for Climate Action](#). *ACM Interactions*. 2025.

[A4] Adrian Friday, Ann Light, Jason Tarl Jacques, Matthew Louis Mauriello, Kathrin Gerling, Robert Soden, Gözel Shakeri, Nicola J. Bidwell, **Vishal Sharma**, and Neha Kumar. [There is no plan\(et\) B: On sustainability and HCI](#). *ACM Interactions*. 2024.

[A3] **Vishal Sharma***, Sarah H. Roney*, Olanike Olaomo, Oliver Chapman, Carlos A. Fernández, and Michael Chang. [Pursuing Multifaceted-Disciplinarity to Enrich the Future of Justice in Sustainability Science](#). *iScience*. 27, no. 8. 2024.

[A2] **Vishal Sharma** and Azra Ismail. [Lessons from Ph.D. Fieldwork: A Conversation with Dr. Azra Ismail](#). *XRDS: Crossroads, The ACM Magazine for Students* 30.1, 70-73. 2023.

[A1] Amy Ogan, Frederick van Amstel, Gabriela Molina León, Juan Fernando Maestre, Kristin Williams, Nicola J Bidwell, Pedro Reynolds-Cuellar, Saiph Savage, Sushil Oswal, **Vishal Sharma**. [Why Do We Need to Learn about Citational Practices? Recognizing Knowledge Production from the Global Souths and Beyond](#). *XRDS: Crossroads, The ACM Magazine for Students*, 29(3), 12-17. 2023.

INVITED TALKS, PANELS, & GUEST LECTURES

2026 Post-growth HCI, Digital Tech and Sustainability Seminar, Uppsala University
 2026 Post-growth Informatics, iSchool, University of Illinois Urbana-Champaign
 2026 Responsible AI at Work, Business School, University of Edinburgh
 2026 Technology-Enabled Transitions to Socio-ecologically Just Futures, University of Bath
 2026 Whose Data Builds the City? Critical Data Practices for Socio-Environmentally Just Urbanization, ACM CHI

 2025 Responsible AI at Work, Digitalize in Stockholm
 2025 Engineering Grad Discernment Postdoc Panel, University of Notre Dame (panelist)
 2025 Sustainability & Computing, CS 293, Computing Ethics, University of New Mexico
 2025 Responsible AI for Work and Planet, Postdoc Seminar, University of Notre Dame
 2025 Sustainability, Development, and Human-Computer Interaction, ACM CHI
 2025 Responsible AI at Work, Lucy Family Institute of Data and Society, University of Notre Dame

 2024 Technology-Enabled Sustainable Futures, School of Env., Society, and Sustainability, Uni. of Utah
 2024 Nurturing Digitally Mediated Post-Growth Work Economies, ACM CSCW (moderator)
 2024 Towards Technology-Mediated Equitable Futures of Development, ACM CSCW
 2024 Post-Growth Human-Computer Interaction, ACM CHI
 2024 HCI for Development, Computing for Social Good, CSC 5930, Villanova University
 2024 Sustainabilities and HCIs from the Souths, ACM CHI (moderator)

 2023 HCI and Sustainability, Brook Byers Institute for Sustainable Systems, Georgia Tech
 2023 It Takes (at least) Two: The Work to Make Romance Work, ACM CHI
 2023 Sustainable and Responsible Computing, CS4745/6745: ICTD, Georgia Tech
 2023 Navigating Constantly, Frequently, & Silently Changing Algorithms for Digital Work, ACM CSCW

 2019 Online Safety Affordances on Indian Matrimonial Websites, INTERACT
 2018, 2017 User Interface Design, Senior Design Project, INF 191, UC Irvine
 2017 Activism and Social Media, Internet and Society, ICS 3, UC Irvine

TEACHING

Georgia Tech

2025 (Summer) **Instructor of Record**, ICT & Global Development, CS 4745
 2025 (Spring) Teaching Assistant, Intro to HCI, CS 3751
 2024 (Fall) Teaching Assistant, Technology & Equity, CS 4745/CS 6745
 2021 (Fall) Teaching Assistant, Computers & Society, CS 4873
 2020 (Summer, Spring) Teaching Assistant, User Interface Design, CS 3750
 2019 (Fall) Teaching Assistant, Intro to Artificial Intelligence, CS 3600

UC Irvine

2019 (Winter, Spring) Teaching Assistant, Senior Design Project, INF 191
 2018 (Winter, Spring) Teaching Assistant, Senior Design Project, INF 191
 2017 (Winter) Teaching Assistant, Software Design, INF 121
 2017 (Fall) Reader, Computing & Society, ICS 3

SERVICE

Chair

2026 Associate Chair, CHI
2024 Student Volunteer Chair, CSCW
2023–2024 Co-Chair, Graduate Student Council, School of Interactive Computing, Georgia Tech
2023, 2022, 2021 Student Volunteer Social Chair, ACM CSCW
2021 Associate Chair, Late Breaking Work, CHI
2019 Reviewer, INTERACT

Reviewer

2026 Ecological Economics Journal
2026 DIS
2025 COMPASS
2020 CHI
2025 Creativity & Cognition
2025 Reviewer, She Ji: The Journal of Design, Economics, and Innovation
2025, 2024, 2022 CSCW
2024 NordiCHI

Editor

2024– Co-Editor, Forum, Climate for Change, ACM Interactions

Leadership

2021–2022 Chief of Staff, Graduate Student Government Association, Georgia Tech
2021–2022 Election Chair, Graduate Student Government Association, Georgia Tech
2020–2022 Executive Cabinet, Graduate Student Government Association, Georgia Tech
2020–2021 VP Conference Funds, Graduate Student Government Association, Georgia Tech

Committee Member

2022–2024 SIGCHI Sustainability Committee
2020–2021 Committee Member, Cultural Centers Planning Committee, Georgia Tech
2020–2021 Committee Member, Student Honor Committee, Georgia Tech
2020–2021 Committee Member, Academic Integrity Committee, Georgia Tech

Volunteering

2024 Student Volunteer, CHI
2021–2023 Student Volunteer Social Chair, CSCW
2022 Student Assistant, CHI
2022 Student Volunteer, CSCW
2019 Student Volunteer, Summer School on Expanding the Horizons of Human-Centered AI, SIGCHI

Search Committee

2021–2022 Search Committee, Executive Director for Student Engagement, Georgia Tech

Judge

2020 Judge, Honeywell STEM Challenge, Georgia Tech

MENTORSHIP

2025– Aparajita Marathe, Ph.D. Informatics, University of California-Irvine

2025–2026 Johanna Olesk, Ph.D. Computer Science, University of Notre Dame
2025–2026 Aracely Peregrina, B.E. Computer Science, University of Notre Dame
2025–2026 Lindsay Abad, B.E. Computer Science, University of Notre Dame

2024–2025 Eleanor Mather, B.S. Computer Science, Georgia Tech
2021–2022 Kirsten Bray, Ph.D. Human-Centered Computing, Georgia Tech

2021 Muskan Gupta, M.S. Computer Science, Virginia Tech

2016–2017 Yashika Vallecha, Software Engineer Intern, Informatica Inc.
2016–2017 Ishan Malhotra, Software Engineer Intern, Informatica Inc.
2015–2016 Vedant Tuwani, Software Engineer Intern, Informatica Inc.