

Nikola Banovic

Curriculum Vitae

September 2024

University of Michigan, Ann Arbor
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EDUCATION

- Ph.D. in Human-Computer Interaction** 2018
Human-Computer Interaction Institute
Carnegie Mellon University
- M.Sc. in Computer Science** 2012
Department of Computer Science
University of Toronto
- Honours B.Sc. in Computer Science** 2010
Department of Computer Science
University of Toronto
- A.A. in Computer Science** 2004
Computer Science & Information Systems Department
Santa Monica College

PROFESSIONAL APPOINTMENTS

- Associate Professor, Electrical Engineering and Computer Science** 2024-present
University of Michigan-Ann Arbor, Ann Arbor, USA
- Assistant Professor, Electrical Engineering and Computer Science** 2018-2024
University of Michigan-Ann Arbor, Ann Arbor, USA

PUBLICATIONS

Journal Articles (Refereed)

- [J.14] Escher, N., Bilik, J., **Banovic, N.**, Green, B., 2024. Code-ifying the law: how disciplinary divides afflict the development of legal software. *Proc. ACM Hum.-Comput. Interact.*, 8, CSCW2, (Nov. 2024). doi: 10.1145/3686937.
- [J.13] Quinonez, S. C., Stewart, D. A., **Banovic, N.**, 2024. ChatGPT and Artificial Intelligence in Graduate Medical Education Program Applications. *Journal of Graduate Medical Education*, 16, 4, (Aug. 2024), 391–394. doi: 10.4300/JGME-D-23-00823.1.
- [J.12] Kinnunen, P. C., Ho, K. K. Y., Srivastava, S., Huang, C., Shen, W., Garikipati, K., Luker, G. D., **Banovic, N.**, Huan, X., Linderman, J. J., Luker, K. E., 2024. Integrating inverse reinforcement learning into data-driven mechanistic computational models: a novel paradigm to decode cancer cell heterogeneity. *Frontiers in Systems Biology*, 4. doi: 10.3389/fsysb.2024.1333760.
- [J.11] Jabbour, S., Fouhey, D., Shepard, S., Valley, T. S., Kazerooni, E. A., **Banovic, N.**, Wiens, J., Sjoding, M. W., 2023. Measuring the Impact of AI in the Diagnosis of Hospitalized Patients: A Randomized Clinical Vignette Survey Study. *JAMA*, 330, 23, (Dec. 2023), 2275–2284. doi: 10.1001/jama.2023.22295.
- [J.10] **Banovic, N.**, Yang, Z., Ramesh, A., Liu, A., 2023. Being trustworthy is not enough: how untrustworthy artificial intelligence (ai) can deceive the end-users and gain their trust. *Proc. ACM Hum.-Comput. Interact.*, 7, CSCW1, (Apr. 2023). doi: 10.1145/3579460.
- [J.9] Antar, A. D., Kratz, A., **Banovic, N.**, 2023. Behavior modeling approach for forecasting physical functioning of people with multiple sclerosis. *Proc. ACM Interact. Mob. Wearable Ubiquitous Technol.*, 7, 1, (Mar. 2023). doi: 10.1145/3580887.

- [J.8] Hossain, T., Shen, W., Antar, A., Prabhudesai, S., Inoue, S., Huan, X., **Banovic, N.**, 2023. A bayesian approach for quantifying data scarcity when modeling human behavior via inverse reinforcement learning. *ACM Trans. Comput.-Hum. Interact.*, 30, 1, (Mar. 2023). DOI: 10.1145/3551388.
- [J.7] Prabhudesai, S., Hauth, J., Guo, D., Rao, A., **Banovic, N.**, Huan, X., 2023. Lowering the computational barrier: partially bayesian neural networks for transparency in medical imaging ai. *Frontiers in Computer Science*, 5. DOI: 10.3389/fcomp.2023.1071174.
- [J.6] Huang, X., Miller, K. L., Sample, A. P., **Banovic, N.**, 2023. Structuresense: inferring constructive assembly structures from user behaviors. *Proc. ACM Interact. Mob. Wearable Ubiquitous Technol.*, 6, 4, (Jan. 2023). DOI: 10.1145/3570343.
- [J.5] Asthana, S., Tobar Thommel, S., Halfaker, A. L., **Banovic, N.**, 2021. Automatically labeling low quality content on wikipedia by leveraging patterns in editing behaviors. *Proc. ACM Hum.-Comput. Interact.*, 5, CSCW2, (Oct. 2021). DOI: 10.1145/3479503.
- [J.4] Prabhudesai, S., Wang, N. C., Ahluwalia, V., Huan, X., Bapuraj, J. R., **Banovic, N.**, Rao, A., 2021. Stratification by tumor grade groups in a holistic evaluation of machine learning for brain tumor segmentation. *Frontiers in Neuroscience*, 15. DOI: 10.3389/fnins.2021.740353.
- [J.3] Escher, N., **Banovic, N.**, 2020. Exposing error in poverty management technology: a method for auditing government benefits screening tools. *Proc. ACM Hum.-Comput. Interact.*, 4, CSCW1, (May 2020). DOI: 10.1145/3392874.
- [J.2] **Banovic, N.**, Krumm, J., 2018. Warming up to cold start personalization. *Proc. ACM Interact. Mob. Wearable Ubiquitous Technol.*, 1, 4, (Jan. 2018). DOI: 10.1145/3161175.
- [J.1] **Banovic, N.**, Yatani, K., Truong, K. N., 2013. Escape-keyboard: a sight-free one-handed text entry method for mobile touch-screen devices. *Int. J. Mob. Hum. Comput. Interact.*, 5, 3, (July 2013), 42–61. DOI: 10.4018/jmhci.2013070103.

Conference Proceedings (Refereed)

- [C.21] Das Antar, A., Molaei, S., Chen, Y.-Y., Lee, M., **Banovic, N.**, 2024. Vime: visual interactive model explorer for identifying capabilities and limitations of machine learning models for sequential decision-making. In *Proceedings of the 37th Annual ACM Symposium on User Interface Software and Technology (UIST '24)*. Association for Computing Machinery, Pittsburgh, PA, USA, 1–21. DOI: 10.1145/3654777.3676323.
- [C.20] Asthana, S., Im, J., Chen, Z., **Banovic, N.**, 2024. "i know even if you don't tell me": understanding users' privacy preferences regarding ai-based inferences of sensitive information for personalization. In *Proceedings of the CHI Conference on Human Factors in Computing Systems (CHI '24)*. Association for Computing Machinery, Honolulu, HI, USA. DOI: 10.1145/3613904.3642180.
- [C.19] Ramesh, D., Henning, C., Escher, N., Zhu, H., Lee, M. K., **Banovic, N.**, 2023. Ludification as a lens for algorithmic management: a case study of gig-workers' experiences of ambiguity in instacart work. In *Proceedings of the 2023 ACM Designing Interactive Systems Conference (DIS '23)*. Association for Computing Machinery, Pittsburgh, PA, USA, 638–651. DOI: 10.1145/3563657.3596004.
- [C.18] Im, J., Wang, R., Lyu, W., Cook, N., Habib, H., Cranor, L. F., **Banovic, N.**, Schaub, F., 2023. Less is not more: improving findability and actionability of privacy controls for online behavioral advertising. In *Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems (CHI '23)*. Association for Computing Machinery, Hamburg, Germany. DOI: 10.1145/3544548.3580773.
- [C.17] Prabhudesai, S., Yang, L., Asthana, S., Huan, X., Liao, Q. V., **Banovic, N.**, 2023. Understanding uncertainty: how lay decision-makers perceive and interpret uncertainty in human-ai decision making. In *Proceedings of the 28th International Conference on Intelligent User Interfaces (IUI '23)*. Association for Computing Machinery, Sydney, NSW, Australia, 379–396. DOI: 10.1145/3581641.3584033.
- [C.16] Zhang, E., **Banovic, N.**, 2021. Method for exploring generative adversarial networks (gans) via automatically generated image galleries. In *Proceedings of the 2021 CHI Conference on Human Factors in Computing Systems (CHI '21)*. Association for Computing Machinery, Yokohama, Japan. DOI: 10.1145/3411764.3445714.
- [C.15] **Banovic, N.**, Sethapakdi, T., Hari, Y., Dey, A. K., Mankoff, J., 2019. The limits of expert text entry speed on mobile keyboards with autocorrect. In *Proceedings of the 21st International Conference on Human-Computer Interaction with Mobile Devices and Services (MobileHCI '19)*. Association for Computing Machinery, Taipei, Taiwan. DOI: 10.1145/338286.3340126.
- [C.14] Khurana, R., **Banovic, N.**, Lyons, K., 2018. In only 3 minutes: perceived exertion limits of smartwatch use. In *Proceedings of the 2018 ACM International Symposium on Wearable Computers (ISWC '18)*. Association for Computing Machinery, Singapore, Singapore, 208–211. DOI: 10.1145/3267242.3267285.
- [C.13] Yang, Q., **Banovic, N.**, Zimmerman, J., 2018. Mapping machine learning advances from hci research to reveal starting places for design innovation. In *Proceedings of the 2018 CHI Conference on Human Factors in Computing Systems (CHI '18)*. Association for Computing Machinery, Montreal QC, Canada, 1–11. DOI: 10.1145/3173574.3173704.
- [C.12] **Banovic, N.**, Rao, V., Saravanan, A., Dey, A. K., Mankoff, J., 2017. Quantifying aversion to costly typing errors in expert mobile text entry. In *Proceedings of the 2017 CHI Conference on Human Factors in Computing Systems (CHI '17)*. Association for Computing Machinery, Denver, Colorado, USA, 4229–4241. DOI: 10.1145/3025453.3025695.

- [C.11] **Banovic, N.**, Wang, A., Jin, Y., Chang, C., Ramos, J., Dey, A., Mankoff, J., 2017. Leveraging human routine models to detect and generate human behaviors. In *Proceedings of the 2017 CHI Conference on Human Factors in Computing Systems* (CHI '17). Association for Computing Machinery, Denver, Colorado, USA, 6683–6694. doi: 10.1145/3025453.3025571.
- [C.10] **Banovic, N.**, Buzali, T., Chevalier, F., Mankoff, J., Dey, A. K., 2016. Modeling and understanding human routine behavior. In *Proceedings of the 2016 CHI Conference on Human Factors in Computing Systems* (CHI '16). Association for Computing Machinery, San Jose, California, USA, 248–260. doi: 10.1145/2858036.2858557.
- [C.9] Church, K., Ferreira, D., **Banovic, N.**, Lyons, K., 2015. Understanding the challenges of mobile phone usage data. In *Proceedings of the 17th International Conference on Human-Computer Interaction with Mobile Devices and Services* (MobileHCI '15). Association for Computing Machinery, Copenhagen, Denmark, 504–514. doi: 10.1145/2785830.2785891.
- [C.8] **Banovic, N.**, Brant, C., Mankoff, J., Dey, A., 2014. Proactivetasks: the short of mobile device use sessions. In *Proceedings of the 16th International Conference on Human-Computer Interaction with Mobile Devices & Services* (MobileHCI '14). Association for Computing Machinery, Toronto, ON, Canada, 243–252. doi: 10.1145/2628363.2628380.
- [C.7] Koehler, C., **Banovic, N.**, Oakley, I., Mankoff, J., Dey, A. K., 2014. Indoor-alps: an adaptive indoor location prediction system. In *Proceedings of the 2014 ACM International Joint Conference on Pervasive and Ubiquitous Computing* (UbiComp '14). Association for Computing Machinery, Seattle, Washington, 171–181. doi: 10.1145/2632048.2632069.
- [C.6] **Banovic, N.**, Franz, R. L., Truong, K. N., Mankoff, J., Dey, A. K., 2013. Uncovering information needs for independent spatial learning for users who are visually impaired. In *Proceedings of the 15th International ACM SIGACCESS Conference on Computers and Accessibility* (ASSETS '13). Association for Computing Machinery, Bellevue, Washington. doi: 10.1145/2513383.2513445.
- [C.5] **Banovic, N.**, Grossman, T., Fitzmaurice, G., 2013. The effect of time-based cost of error in target-directed pointing tasks. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems* (CHI '13). Association for Computing Machinery, Paris, France, 1373–1382. doi: 10.1145/2470654.2466181.
- [C.4] **Banovic, N.**, Grossman, T., Matejka, J., Fitzmaurice, G., 2012. Waken: reverse engineering usage information and interface structure from software videos. In *Proceedings of the 25th Annual ACM Symposium on User Interface Software and Technology* (UIST '12). Association for Computing Machinery, Cambridge, Massachusetts, USA, 83–92. doi: 10.1145/2380116.2380129.
- [C.3] **Banovic, N.**, Chevalier, F., Grossman, T., Fitzmaurice, G., 2012. Triggering triggers and burying barriers to customizing software. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems* (CHI '12). Association for Computing Machinery, Austin, Texas, USA, 2717–2726. doi: 10.1145/2207676.2208666.
- [C.2] Yatani, K., **Banovic, N.**, Truong, K., 2012. Spacesense: representing geographical information to visually impaired people using spatial tactile feedback. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems* (CHI '12). Association for Computing Machinery, Austin, Texas, USA, 415–424. doi: 10.1145/2207676.2207734.
- [C.1] **Banovic, N.**, Li, F. C. Y., Dearman, D., Yatani, K., Truong, K. N., 2011. Design of unimanual multi-finger pie menu interaction. In *Proceedings of the ACM International Conference on Interactive Tabletops and Surfaces* (ITS '11). Association for Computing Machinery, Kobe, Japan, 120–129. doi: 10.1145/2076354.2076378.

Extended Abstracts (Refereed & Juried)

- [EA.8] Escher, N., **Banovic, N.**, 2024. Hexing twitter: channeling ancient magic to bind mechanisms of extraction. In *Extended Abstracts of the 2024 CHI Conference on Human Factors in Computing Systems* (CHI EA '24). Association for Computing Machinery. doi: 10.1145/3613905.3644071.
- [EA.7] Im, J., **Banovic, N.**, Schaub, F., 2022. Designing and building social platforms grounded in consent. In *Trust and Safety Research Conference*.
- [EA.6] Escher, N., Bilik, J., Miller, A., Huseby, J. J., Ramesh, D., Liu, A., Mikell, S., Cahill, N., Green, B., **Banovic, N.**, 2022. Cod(e)ifying the law. In *Programming Languages and the Law (Prolala) 2022*.
- [EA.5] Chung, J. J. Y., Xiao, F., **Banovic, N.**, Lasecki, W. S., 2019. Towards instantaneous recovery from autonomous system failures via predictive crowdsourcing. In *Adjunct Proceedings of the 32nd Annual ACM Symposium on User Interface Software and Technology* (UIST '19 Adjunct). Association for Computing Machinery, New Orleans, LA, USA, 16–18. doi: 10.1145/3332167.3357100.
- [EA.4] Kristensson, P. O., **Banovic, N.**, Oulasvirta, A., Williamson, J., 2019. Computational interaction with bayesian methods. In *Extended Abstracts of the 2019 CHI Conference on Human Factors in Computing Systems* (CHI EA '19). Association for Computing Machinery, Glasgow, Scotland Uk, 1–6. doi: 10.1145/3290607.3298820.
- [EA.3] Marathe, M., Chang, T.-W., Chowdhury, L., Chung, M. L., Su, C.-H., Yi, Y., **Banovic, N.**, Sample, A., Marcu, G., 2019. Tedious versus taxing: needs assessment in a pediatric feeding disorder clinic. In *CHI'19 Workshop on "Workgroup in Interactive Systems for Healthcare (WISH) Symposium"*.

- [EA.2] Chung, J. J. Y., Xiao, F., Recker, N., Barnes, K., **Banovic, N.**, Lasecki, W. S., 2019. Accident prevention with predictive instantaneous crowdsourcing. In *CHI'19 Workshop on "Looking into the Future: Weaving the Threads of Vehicle Automation"*.
- [EA.1] **Banovic, N.** 2017. Method for understanding complex human routine behaviors from large behavior logs. In *Proceedings of the 2017 CHI Conference Extended Abstracts on Human Factors in Computing Systems (CHI EA '17)*. Association for Computing Machinery, Denver, Colorado, USA, 254–258. DOI: 10.1145/3027063.3027135.

Workshops Organized (Juried)

- [W.2] Todi, K., Vanderdonckt, J., Ma, X., Nichols, J., **Banovic, N.**, 2020. Ai4aui: workshop on ai methods for adaptive user interfaces. In *Companion Proceedings of the 25th International Conference on Intelligent User Interfaces (IUI '20 Companion)*. Association for Computing Machinery, Cagliari, Italy, 17–18. DOI: 10.1145/3379336.3379359.
- [W.1] **Banovic, N.**, Oulasvirta, A., Kristensson, P. O., 2019. Computational modeling in human-computer interaction. In *Extended Abstracts of the 2019 CHI Conference on Human Factors in Computing Systems (CHI EA '19)*. Association for Computing Machinery, Glasgow, Scotland Uk, 1–7. DOI: 10.1145/3290607.3299032.

Edited Books

- [EB.1] John Williamson, Antti Oulasvirta, Per Ola Kristensson, and Nikola Banovic, (Eds.) 2022. *Bayesian Methods for Interaction and Design*. Cambridge University Press.

Dissertation

- [D.1] **Banovic, N.** 2018. Computational Method for Understanding Complex Human Routine Behaviors, (May 2018). DOI: 10.1184/R1/7188812.v1.

AWARDS AND HONORS

NSF CAREER Award	2023
Amazon Alexa Prize Semi-finalist	2020
Honorable Mention Award (CHI '17)	2017
Honorable Mention Award (CHI '16)	2016
Yahoo! Fellow	2015
Honorable Mention Award (MobileHCI '15)	2015
Best Paper Award (MobileHCI '14)	2014
NSERC Post-graduate Scholarship	2013-2016
Wolfond Scholarship in Wireless Information Technology	2010

GRANTS AND FELLOWSHIPS

CAREER: Achieving Explainable AI through Human-AI Interaction	2023-2028
National Science Foundation (NSF); PI; \$582,031	
Decision-Making with Uncertainty under Climate Change Impacts on Flood Risks	2023-2028
Department of the Defense, Department of Navy; Co-PI; \$7,500,000	
Detecting and Countering Untrustworthy AI through AI Literacy	2023-2024
Michigan Institute for Data & AI in Society (MIDAS); PI; \$75,000	
Human-AI Collaborations to Improve Accuracy and Mitigate Bias in AD Diagnosis	2022-2025
National Institutes of Health (NIH); Co-I; \$2,758,838	
Predicting Single Cell Behavior	2022-2024
W. M. Keck Foundation; Co-I; \$1,000,000	
Learning from the Unseen Experience of Experts to Support ML Decision-Making	2021-2024
Toyota Research Institute (TRI); PI; \$975,000	

Practical OSBED for Complex Systems Incorporating Human Preferences Department of Energy (DoE); Co-PI; \$970,822	2020-2023
Identifying Educational Conceptions and Challenges in Cybersecurity and AI National Science Foundation (NSF); Co-I; \$300,000	2020-2023
Modeling and Understanding Human-Machine Teaming and Decision Making Toyota Research Institute (TRI); PI; \$100,000	2019-2021
Personalization through ML models using Temporal Consumer Interactions Data Proctor and Gamble (P&G); PI; \$100,000	2018-2019

INVITED TALKS AND PANELS

Detecting and Countering Untrustworthy Artificial Intelligence (AI) DGP Seminar Series, University of Toronto, Canada	12/2023
Detecting and Countering Untrustworthy Artificial Intelligence (AI) Distinguished Lecture Series, University of Virginia, USA	11/2023
Detecting and Countering Untrustworthy Artificial Intelligence (AI) Keynote at the AI & HCI Workshop (ICML 2023)	07/2023
Panel on AI shaping the future of Trust, Safety, Privacy & Security Human-Computer Interaction Consortium (HCIC 2023)	06/2023
Detecting and Countering Untrustworthy Artificial Intelligence (AI) Seminar Series, University of Glasgow, UK	05/2023
Explainability and Interpretability through Interaction 2021 ICIEV & IVPR Keynote Series	01/2021
Computational Modeling in Human-Computer Interaction Seminar Series on Data Science, University of Lisbon	11/2020
Computational Modeling in Human-Computer Interaction Joint 2019 ICIEV, IVPR, & ABC	06/2019
Computational Models of Human Behavior Dagstuhl Seminar on Computational Interactivity, Germany	06/2017
Human Data Driven Interfaces Computer Science Department, University of Toronto, Toronto, Canada	03/2017
Human Data Driven Interfaces Bosch Research and Technology Center, Pittsburgh, USA	12/2016
Streamlining Mobile Device Use DGP, Computer Science Department, University of Toronto, Toronto, Canada	08/2015
Streamlining Mobile Device Use DUB, University of Washington, Seattle, USA	07/2015

CAMPUS/DEPARTMENTAL TALKS

Detecting and Countering Untrustworthy Artificial Intelligence (AI) CSE Faculty Seminar Series, University of Michigan, Ann Arbor, USA	11/2023
Interactive Human-centered Explainable Artificial Intelligence (XAI) UX@UM, University of Michigan, Ann Arbor, USA	03/2023
Computational Modeling in Human-Computer Interaction Michigan AI Symposium 2018, University of Michigan, Ann Arbor, USA	10/2018

TEACHING EXPERIENCE

University of Michigan, Ann Arbor, USA

Graduate Courses

Human-Computer Interaction Winter '20, Fall '20, Fall '21, Fall '22, Fall '23

Computational Modeling in HCI Fall '18, Fall '19

Undergraduate Courses

User Interface Development Winter '21, Winter '22, Winter '23

Modeling Human Behavior Winter '19

Carnegie Mellon University, Pittsburgh, USA

Interactive Data Science (Instructor of record) Spring '17

Software Structures for User Interfaces Fall '15

User-Centered Research & Evaluation Fall '14

University of Toronto, Toronto, Canada

The Design of Interactive Computational Media Fall '10, Spring '11 Fall '11

ADVISING EXPERIENCE

University of Michigan, Ann Arbor, USA

Current Ph.D. Students

Divya Ramesh

Anindya Das Antar

Nel Escher

Sumit Asthana

Snehal Prabhudesai

Jaewoong Choi

Tsedeniya Amare

Past Post-doctoral Researchers and Graduated Students

Dr. Somayeh Molaei, Post-doctoral Researcher 2021-2023

Doctoral Committees

Amani Alkayyali 2024 Wanggang Shen 2023 Matthew Bernhard 2021

Shengpu Tang 2024 Mimansa Jaiswal 2023 Sai Gouravajhala 2021

Harry Rubin-Falcone 2024 Jordan Huffaker 2023 Chuan-Che Huang 2019

John Chung 2023 Bryan Stearns 2022

Preeti Ramaraj 2023 Ian Fox 2021

RESEARCH EXPERIENCE

Graduate Research Assistant 08/2012-08/2018

Carnegie Mellon University, Pittsburgh, USA

Machine Learning Intern 05/2016-07/2016

Uber Advanced Technologies Center, Pittsburgh, USA

Research Intern Microsoft Research, Redmond, USA	05/2015-08/2015
Research Intern Autodesk Research, Toronto, Canada	01/2012-09/2012 05/2011-09/2011
Graduate Research Assistant University of Toronto, Toronto, Canada	09/2010-12/2011

SERVICE TO PROFESSION

Associate Editor (AE)

PACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)	2019-2023
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Associate Chair (AC) / Program Committee (PC) Member

CHI Conference on Human Factors in Computing Systems (CHI)	2018, 2020-2024
Computer-Supported Cooperative Work and Social Computing (CSCW)	2024
Fairness, Accountability and Transparency (FAccT)	2022, 2023
User Interface Software and Technology (UIST)	2020-2023
Graphics Interface (GI)	2020
The Web Conference (TheWebConf)	2020
Visualization in Data Science (VDS)	2018-2019

Organizing Committees

CHI 2025 Workshops Co-chair	2024-2025
The 7th Summer School on Computational Interaction (CIX2023) Chair	2023
Ubicomp & ISWC 2021 Workshop and Tutorial Co-chair	2020-2021
UIST 2017 Publicity Co-chair	2017
Ubicomp & ISWC 2017 Publicity Co-chair	2017

Workshop Organizer

ACM IUI 2020 Workshop on AI Methods for Adaptive User Interfaces	2020
ACM CHI 2019 Workshop on Computational Modeling in Human-Computer Interaction	2019

Reviewer

CHI 2011-2017, 2019 · MobileHCI 2011, 2013-2016, 2019 · UIST 2012-2016, 2018, 2024 · Int. Journal of HCI 2012-2013 · Pervasive Health 2014 · Human-Computer Interaction 2014 · Pervasive and Mobile Computing 2015-2016 · Ubicomp 2015-2016 · CSCW 2016-2017, 2022-2023 · IEEE Intelligent Systems 2016 · DIS 2017, 2019-2020 · IMWUT 2017-2019 · ISWC 2017 · IEEE Pervasive Computing 2017 · IEEE Trans. On Mobile Computing 2018 · INTERACT 2019 · SIGGRAPH 2020, 2023 · TOCHI 2020-2021, 2023-2024

DEPARTMENTAL/UNIVERSITY SERVICE

University of Michigan, Ann Arbor, USA

CSE Diversity, Equity, and Inclusion (DEI) Chair	2023-24
The Weinberg Institute for Cognitive Science Undergraduate Committee Member	2022-23, 2023-24
CSE Tenure Track Recruiting and Hosting Committee Member	2021-22, 2022-23
Graduate Fellowship Workshop Chair	2022-23
CSE Graduate Recruiting Committee Member	2022-23
CSE Graduate Recruiting Committee Chair	2020-21, 2021-22
CSE Graduate Admission Committee Member	2018-19, 2019-20
CSE Faculty Seminar Series Chair	2018-19

EXTRACURRICULAR UNIVERSITY SERVICE

University of Michigan, Ann Arbor, USA

Tech4Social Good	2020-2023
Undergraduate Student Organization Faculty Mentor	
Big Data Summer Institute (BDSI)	2021, 2022
Machine Learning Project Group Mentor	

MEDIA COVERAGE

- [M.3] Jones, C. T. 2024. Twitter updated its ai chatbot. the images are a dumpster fire. *Rolling Stone*, (Aug. 2024).
- [M.2] Achauer, H. 2023. Your next fitness coach could be a robot. *New York Times*, (Apr. 2023).
- [M.1] Giammarise, K. 2020. Study: pa. benefits screening tool may be telling potential applicants they don't qualify. *Pittsburgh Post-Gazette*, (Sept. 2020).

PROFESSIONAL MEMBERSHIPS/AFFILIATIONS

Association for Computing Machinery (ACM)
Special Interest Group on Computer-Human Interaction (ACM SIGCHI)