

Haojian Jin

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RESEARCH INTERESTS

Human developers create risky computer systems that eventually affect human users. Our lab, Data Smith Lab, takes a human-centered approach to (1) **help developers create systems with enhanced privacy and security features** and (2) **help users safeguard their privacy and security**.

Topics: *Human-Computer Interaction, Security and Privacy, Ubiquitous Computing, Data Science, Mobile Computing, Software Engineering, Database, Programming Language.*

EDUCATION

Carnegie Mellon University, School of Computer Science Pittsburgh, PA, USA
Ph.D. in Human Computer Interaction, 2022
Dissertation: **Modular Privacy Flows: A Design Pattern for Data Minimization** [3-page version]
Advisors: Jason I. Hong (CMU HCII), Swarun Kumar (CMU ECE)
Committee: Yuvraj Agarwal (CMU ISR), Laura Dabbish (CMU HCII), Ben Y. Zhao (University of Chicago)
M.S. Human Computer Interaction, 2021
Thesis: Mitigating Data Overaccess by Apps through Modular Privacy Flows
Advisor: Jason I. Hong (CMU HCII)

Emory University Atlanta, GA, USA
M.S. Computer Science, 2012

Huazhong Univ. of Science & Technology China
B.S. Software Engineering, 2010

SELECTED RECOGNITIONS

ACM CCS Distinguished Paper Award 2024

Rising Star in Data Science by the University of Chicago Center for Data and Computing 2021

Featured in Communications of the ACM (CACM), Research Highlight (RH) 2021
- 12-24 papers are selected annually as the most significant results among all papers published in computing by the CACM-RH editorial board.

Qualcomm Innovation Fellowship Finalist 2021

UbiComp Gaetano Borriello Outstanding Student award 2020
- This award is given to one graduate student annually across the world “who has made outstanding research contributions to the field of ubiquitous computing”. The awardee is selected by the conference’s Steering Committee based on publication records, service to the community, and a submitted research statement.

Featured in ACM GetMobile Research Highlight. 2020
- 16 papers of high quality and broad appeal are selected annually from all SIGMOBILE sponsored conferences.

Best Wearable Long Paper, Ubicomp & ISWC. 2020

Best Hardware Award, The 7th CMU Summit Venture Competition (1/125). 2018

Best Demo Honorable Mention (2/51), Ubicomp & ISWC.	2018
Yahoo! Patent Milestone Award (for 5+ patents)	2014
Best Paper Honorable Mention Award, ACM MobileHCI.	2014
Notable Computing Books and Articles of 2013, ACM Computing Reviews.	2013
China Champion (1/500+), Ranked 4th in the World Final (Paris, France), Microsoft Imagine Cup Software Design Competition	2008
- Microsoft ImagineCup is an annual competition that calls students worldwide to create technology solutions that can help address some of the world's toughest social challenges. The theme of 2008 was "Imagine a world where technology enables a sustainable environment." More than 200,000 students from over 100 countries and regions participated in the competition, competing for \$240,000 in prize money.	

EMPLOYMENT

University of California San Diego, La Jolla, CA Assistant Professor	2022 - Present
Carnegie Mellon University, Pittsburgh, PA Ph.D. student & Research Assistant	2016 - 2022
Inshu Inc, Beijing, China Raised investment and founded a company to commercialize a video summarization technology that can convert short videos into shareable comics.	2016 - 2017
Yahoo! Labs, Sunnyvale, CA Research engineer	2013 - 2016
Robert Bosch Research Center, Palo Alto, CA Research intern	2013 & 2011
Microsoft Research Asia, Beijing, China Research intern	2012 & 2010

PUBLICATIONS

Google Scholar: <https://scholar.google.com/citations?user=IivlhesAAAAJ&hl=en>

Conference & Journal-first Papers

- [C.28] Teaching Data Science Students to Sketch Privacy Designs through Heuristics
Jinhe Wen*, Yingxi Zhao*, Wenqian Xu*, Yaxing Yao, **Haojian Jin**
IEEE S&P 2025: IEEE Symposium on Security and Privacy.
- [C.27] Panopticon: The Design and Evaluation of a Game that Teaches Data Science Students Designing Privacy
Yuhe Tian*, Shao-Yu Chu*, Yuxuan Liu*, Haojian Jin
PoPETs 2025: Proceedings on Privacy Enhancing Technologies Symposium
- [C.26] GameArena: Evaluating LLM Reasoning through Live Computer Games
Lanxiang Hu*, Qiyu Li*, Anze Xie*, Nan Jiang, Ion Stoica, **Haojian Jin**, Hao Zhang
ICLR 2025: International Conference on Learning Representations
- [C.25] GPTWall: Governing Open Vocabulary Data Leaks using an Edge LLM through Programming by Example
Qiyu Li, Jinhe Wen, **Haojian Jin**.
IMWUT 2024 / UbiComp 2025: ACM Conference on Pervasive and Ubiquitous Computing, 33 pages [pdf]
- [C.24] Moderator: Moderating Text-to-Image Diffusion Models through Fine-grained Context-based Policies
Peiran Wang*, Qiyu Li*, Longxuan Yu, Ziyao Wang, Ang Li, **Haojian Jin**

- CCS 2024: ACM Conference on Computer and Communications Security, 15 pages. [pdf]
ACM CCS Distinguished Paper Award.
- [C.23] Folk Models of Loot Boxes in Video Games
 Jinhe Wen, Zhongyang Zhang, Tuan M. Tran, Lianrui Mu, Tauhidur Rahman, **Haojian Jin**
CHI Play 2024: ACM Annual Symposium on Computer-Human Interaction in Play, 23 pages. [pdf]
- [C.22] TreeQuestion: Assessing Conceptual Learning Outcomes with LLM-Generated Multiple-Choice Questions
 Zirui Cheng, Jingfei Xu, **Haojian Jin**
CSCW 2024: Proc. ACM Hum.-Comput. Interact. 4, CSCW, 29 pages. [pdf]
- [C.21] On the Feasibility of Predicting Users' Privacy Concerns using Contextual Labels and Personal Preferences
 Yaqing Yang, Tony W Li, **Haojian Jin**
SICHI 2024. CHI Conference on Human Factors in Computing Systems. 20 pages. [pdf]
- [C.20] Redesigning Privacy with Users' Feedback: The Case of Zoom Attendee Attention Tracking
 Tony W Li, Arshia Arya, **Haojian Jin**.
SICHI 2024. CHI Conference on Human Factors in Computing Systems. 14 pages. [pdf]
- [C.19] Peekaboo: A Hub-Based Approach to Enable Transparency in Data Processing within Smart Homes
Haojian Jin, Gram Liu, David Hwang, Swarun Kumar, Yuvraj Agarwal, Jason Hong.
IEEE S&P'22. IEEE Symposium on Security and Privacy. 18 pages. [pdf]
 [Stacey on IoT Podcast] [ACM TechNews] [Podcast @ RSA Conference] [Talk]
- [C.18] Exploring the Needs of Users for Supporting Privacy-Protective Behaviors in Smart Homes
Haojian Jin, Bill Guo, Yaxing Yao, Swarun Kumar, Yuvraj Agarwal, Jason Hong.
SIGCHI 22. CHI Conference on Human Factors in Computing Systems, 22 pages. [pdf]
- [C.17] Lean Privacy Review: Collecting Users' Privacy Concerns of Data Practices at a Low Cost.
Haojian Jin, Hong Shen, Mayank Jain, Swarun Kumar, Jason Hong.
TOCHI 2021: ACM Trans. Comput. -Hum. Interact. 28, 5, Article 34, 55 pages. [pdf] [website]
- [C.16] Designing Alternative Representations of Confusion Matrices to Support Non-Expert Public Understanding of Algorithmic Outputs and Performance.
 Hong Shen, **Haojian Jin**, Ángel Alexander Cabrera, Adam Perer, Nina Balcan, Jason Hong.
CSCW 2020: Proc. ACM Hum.-Comput. Interact. 4, CSCW2, Article 153, 22 pages. [pdf]
- [C.15] 'I Can't Even Buy Apples If I Don't Use Mobile Pay?' When Mobile Payments Become Infrastructural in China
 Hong Shen, Cori Faklaris, **Haojian Jin**, Laura Dabbish, Jason Hong.
CSCW 2020: Proc. ACM Hum.-Comput. Interact. 4, CSCW2, Article 170, 26 pages. [pdf]
- [C.14] Software-define Cooking using a Microwave oven.
Haojian Jin, Jingxian Wang, Swarun Kumar, Jason Hong.
MobiCom 2019: Annual International Conference on Mobile Computing and Networking, 16 pages. [pdf]
Featured in ACM GetMobile Research Highlight.
Featured in Communications of the ACM (CACM) – Research Highlights [website] [video]
This project leads to a 0.5 million NSF grant: CNS Core: Small: Harnessing Wireless Actuation.
- [C.13] RFID Tattoo: A Wireless Platform for Speech Recognition
 Jingxian Wang, Chengfeng Pan, **Haojian Jin**, Vaibhav Singh, Jason Hong, Carmel Majidi, Swarun Kumar.
IMWUT 2019 / UbiComp 2020: ACM Conference on Pervasive and Ubiquitous Computing, 24 pages [pdf]
Ubicomp & ISWC 2020 Best Wearable Long Paper.
- [C.12] Sozu: Self-Powered Radio Tags for Building-Scale Activity Sensing
 Yang Zhang, Yasha Iravantchi, **Haojian Jin**, Swarun Kumar, Chris Harrison.
UIST 2019: 32nd ACM User Interface Software and Technology Symposium, 13 pages [pdf] [video]
- [C.11] Pushing the Range Limits of Commercial Passive RFIDs
 Jingxian Wang, Junbo Zhang, Rajarshi Saha, **Haojian Jin**, Swarun Kumar.
NSDI 2019: USENIX Symposium on Networked Systems Design and Implementation, 16 pages [pdf]
- [C.10] "Why are they collecting my data?": Inferring the Purposes of Network Traffic in Mobile Apps
Haojian Jin, Minyi Liu, Kevan Dohia, Yuanchun Li, Gaurav Kumar Srivastava, Matthew Fredrikson, Yuvraj Agarwal, Jason Hong.

- IMWUT 2018 / UbiComp 2019: ACM Conference on Pervasive and Ubiquitous Computing, 27 pages [pdf]*
- [C.9] WiSh: Towards a Wireless Shape-aware World using Passive RFIDs.
Haojian Jin*, Jingxian Wang*, Zhijian Yang, Swarun Kumar, Jason Hong.
MobiSys 2018: ACM Conference on Mobile Systems, Applications, and Services, 14 pages. [pdf] [video]
- [C.8] Towards Wearable Everyday Body-Frame Tracking using Passive RFIDs.
Haojian Jin, Zhijian Yang, Swarun Kumar, Jason Hong.
IMWUT 2017 / UbiComp 2018: ACM Conference on Pervasive and Ubiquitous Computing, 23 pages [pdf] [video]
Best Demo Honorable Mention (2/51).
This project leads to a 0.5 million NSF grant: NeTS: Small: Handheld mm-Accurate Positioning for Wearables.
- [C.7] ElasticPlay: Responsive Video Summarization with Dynamic Time Budgets.
Haojian Jin, Yale Song, Koji Yatani.
ACMMM 2017: ACM Conference on Multimedia, 9 pages. [pdf] [video] [live demo]
Oral Presentation, top 7 %.
- [C.6] Finding Weather Photos: Community-Supervised Methods for Editorial Curation of Online Sources.
David Shamma, Lyndon Kennedy, Jia Li, Bart Thomee, **Haojian Jin**, Jeff Yuan.
CSCW 2016: ACM Conference on Computer Supported Cooperative Work, 11 pages. [pdf]
- [C.5] Corona: Positioning Adjacent Device with Asymmetric Bluetooth Low Energy RSSI Distributions.
Haojian Jin, Xu Cheng, Kent Lyons.
UIST 2015: ACM Symposium on User Interface Software and Technology, 5 pages. [pdf] [video]
- [C.4] Tracko: Ad-hoc Mobile 3D Tracking Using Bluetooth Low Energy and Inaudible Signals for Cross-Device Interaction.
Haojian Jin, Christian Holz, Kasper Hornbæk.
UIST 2015: ACM Symposium on User Interface Software and Technology, 10 pages. [pdf] [video]
- [C.3] The Cohort and Speechify Libraries for Rapid Construction of Speech Enabled Applications for Android.
Tejaswi Kasturi, **Haojian Jin**, Aasish Pappu, Sungjin Lee, Beverley Harrison, Ramana Murthy, Amanda Stent.
SIGDIAL 2015: ACM SIGDIAL Meeting on Discourse and Dialogue, 3 pages. [pdf]
- [C.2] ReviewCollage: A Mobile Interface for Direct Comparison Using Online Reviews.
Haojian Jin, Tetsuya Sakai, Koji Yatani.
MobileHCI 2014: ACM Conference on Human-Computer Interaction with Mobile Devices and Services, 10 pages.
Best Paper Honorable Mention Award, top 5%. [pdf] [video]
- [C.1] Predicting Web Search Relevance from Touch Interactions on Mobile Devices.
Qi Guo, **Haojian Jin**, Dmitry Lagun, Shuai Yuan, Eugene Agichtein.
SIGIR 2013: ACM SIGIR conference on Research and development in information retrieval, 10 pages.
Notable Computing Books and Articles of 2013, ACM Computing Reviews. [pdf]

Workshop & posters & demos & technical Reports

- [E.9] Sensor as a Company: On Self-Sustaining IoT Commons
Haojian Jin, Swarun Kumar, Jason Hong.
Technical Report, 2021 [pdf]
- [E.8] The Design of the User Interfaces for Privacy Enhancements for Android
Jason I. Hong, Yuvraj Agarwal, [et al, including **Haojian Jin**]
Technical Report, 2021 [pdf]
- [E.7] RFID Tattoo: A Wireless Platform for Speech Recognition
Jingxian Wang, Chengfeng Pan, **Haojian Jin**, Vaibhav Singh, Jason Hong, Carmel Majidi, Swarun Kumar.
IJCAI 2021 Sister Conferences Best Papers
- [E.6] Providing Architectural Support for Building Privacy-Sensitive Smart Home Applications.
Haojian Jin, Swarun Kumar, Jason Hong.
UbiComp 2020 Doctoral Colloquium
- [E.5] SDC: Software-define Cooking using a Microwave oven.
Haojian Jin, Jingxian Wang, Swarun Kumar, Jason Hong.

MobiCom 2019 Demo

- [E.4] RFWear: Towards Wearable Everyday Body-Frame Tracking using Passive RFIDs.
Haojian Jin, Jingxian Wang, Zhijian Yang, Swarun Kumar, Jason Hong.
Ubicomp 2018 Demo, **Best Demo Honorable Mention (2/51)**.
- [E.3] Enhancing Email Functionality using Late Bound Content.
Haojian Jin, Vita Chen, Ritwik Rajendra, Jason Hong.
Technical Report [pdf] [video]
- [E.2] Advances and Challenges in Ad-hoc Mobile Tracking for Seamless Interaction across Commodity Devices.
Haojian Jin, Christian Holz.
CHI 2016 Workshop: Cross-Surface 2016.
- [E.1] Towards Estimating Web Search Result Relevance from Touch Interactions on Mobile Devices.
Qi Guo, **Haojian Jin**, Dmitry Lagun, Shuai Yuan, Eugene Agichtein.
CHI EA 2013: CHI '13 Extended Abstracts on Human Factors in Computing Systems.

Magazine articles

- [M.2] Software-define Cooking using a Microwave oven.
Haojian Jin, Jingxian Wang, Swarun Kumar, Jason Hong.
Research Highlight, Communications of the ACM. Issue 12 December 2021
- [M.1] Software-define Cooking using a Microwave oven.
Haojian Jin, Jingxian Wang, Swarun Kumar, Jason Hong.
Research Highlight, ACM GetMobile. Volume 23, Issue 4 December 2019

PATENTS

- Google Patent: <https://patents.google.com/?inventor=Haojian+Jin>
- [G.12] **Haojian Jin**, Jingxian Wang, Swarun Kumar, Jason Hong. System and Method for Heating an Item in a Microwave Oven, Published in 2019.
 - [G.11] Jingxian Wang, Swarun Kumar, Jason I. Hong, Carmel Majidi, Chengfeng Pan, **Haojian Jin**, Vaibhav Singh, Yash Jain, RFID Tattoo: A Wireless Platform for Speech Recognition, Published in 2019
 - [G.10] **Haojian Jin**, Jingxian Wang, Swarun Kumar, Jason Hong. System and method for tracking a shape, Published in 2019.
 - [G.9] **Haojian Jin**, Zhijian Yang, Swarun Kumar, Jason Hong. System and method for tracking a body, Granted in Nov. 2023, U.S. Patent number 11826139B2.
 - [G.8] Jingxian Wang, Swarun Kumar, **Haojian Jin**, Junbo Zhang, Rajarshi Saha Method for extending the range of commercial passive RFID elements, Granted in May 2022
 - [G.7] **Haojian Jin**, Zheng Wen, Yale Song. Content-adaptive digital content adjustment method and system, Granted in Apr. 2018, U.S. Patent number 9,942,581.
 - [G.6] Christian Holz, **Haojian Jin**. System and method for 3D tracking for ad-hoc cross-device interaction, Granted in Mar. 2018, US Patent number 9,929,817.
 - [G.5] **Haojian Jin**, Christian Holz. System and method for detection of indoor tracking units, Granted in Nov. 2017, US Patent number 9,813,854.
 - [G.4] Christian Holz, Marius Knaust, Rajiv Ayyangar, Senaka Buthpitiya, **Haojian Jin**. User authentication and data encryption, Granted in Nov. 2017, US Patent 9,817,956.
 - [G.3] **Haojian Jin**, Kent Lyons, Cheng Xu. System and method for device positioning with bluetooth low energy distributions, Granted in Mar. 2017, U.S. Patent number 9,602,956.
 - [G.2] Jia Li, **Haojian Jin**. Mobile device image acquisition using objects of interest recognition, Granted in January 2017, US Patent number 9,554,030.
 - [G.1] **Haojian Jin**, Christian Holz. System and method for calibrating bluetooth low energy signal strengths, Granted in July, 2016, US Patent number 9,385,821.

TEACHING

UCSD DSC 102: Systems for Scalable Analytics [Syllabus]		Spring 2024, Fall 2023
Role	Lecturer & Material Development	
Course description	This course is a required course in Data Science Undergraduate curriculum, and also the first system course for our undergraduates. The course teaches students the principles of computing systems and tools for scaling data analytics to large datasets. Topics include basics of computer organization, memory hierarchy, operating systems, and cloud computing; principles of scalable and parallel data-intensive computing; design and use of parallel dataflow systems (MapReduce/Hadoop/Spark); and scaling of end-to-end machine learning workloads.	
Class size	≈ 150 undergraduate students	
UCSD DSC 204A: Scalable Data Systems [Syllabus]		Spring 2023
Role	Lecturer & I developed the course from scratch.	
Course description	This course is a required course for data science graduate students. This course provides a user's view of how distributed data systems execute programs, store data, and communicate. It enables students to become more effective system programmers, especially in dealing with scalability, performance, and portability issues. It also helps data science students to gain a basic understanding of compilers, networks, operating systems, and computer architecture. Topics included batch processing, stream processing, network, replication, partition, data models, and big data storage and retrieval.	
Class size	≈ 50 graduate students	
UCSD DSC 180AB: Data Science Capstone [Syllabus]		Spring 2023
Role	Mentor	
Course description	The capstone program is a two-quarter sequence (Fall and Winter) in which students will be mentored by a faculty or industry expert in their domain of expertise. By the end of Quarter 2, students will design and execute a project from that domain in teams of 2-4.	
Class size	≈ 50 graduate students	
UCSD DSC 291: Privacy-sensitive Data Systems [Syllabus]		Winter 2023
Role	Lecturer & I developed the course from scratch.	
Course description	This course is a special topics course on data privacy for data science graduate students. Topics included security and privacy in data systems, legal compliance, user privacy, modern privacy frameworks, and applied cryptography.	
Class size	≈ 20 graduate students	
CMU 05-430/630: Programming Usable Interfaces [Course link] [Syllabus]		Fall 2020
Role	Co-Instructor/TA & Developed the course materials, taught weekly 2-hour recitation sessions, hosted weekly office hours, helped students design projects, answered final exam questions, and graded assignments and exams.	
Class size	91 students in total, 14 students in my section (4 undergraduate, 10 graduate)	
CMU 05-410/610 User-Centered Research & Evaluation [Course link] [Syllabus]		Fall 2019
Role	Co-Instructor/TA & Developed the course materials, teach weekly 2-hour recitation sessions, host weekly office hours, help students design projects, supervise group projects, answer final exam questions, and grade assignments and exams.	
Class size	84 students in total, 17 students in my section (4 undergraduate, 13 graduate)	

MENTORING

Current PhD students

2023 Fall - Now	Qiyu Li, UCSD HDSI
2024 Fall -	Shao-yu Chu, UCSD CSE

PhD/MS Thesis Committee

2023 Fall	Zhongyang Zhang, UCSD HDSI PhD
2023 Fall	Song Wang, UCSD ECE PhD, <i>Machine Learning Model Splitting on Mobile Edge Networks</i>

Research Experience for Undergrads, Masters, and Rotation PhD Students

2024 Summer - Now	Andrew Zhao, UCSD Undergrad
2024 Summer - Now	Yuxuan Liu, UCSD Undergrad
2024 Spring - Now	Yuhe Tian, UCSD Undergrad
2024 Spring - Now	Elijah Zhao, UCSD Undergrad
2024 Spring - Now	Yujin Zhang, Undergrad from Nanjing University
2024 Spring - Now	Trista Xu, UCSD Undergrad
2024 Spring - Now	Ariane Yu, UCSD Master student
2023 - Now	Jinhe Wen, UCSD Master student
2023 - Now	Muchan Li, UCSD Undergrad
2023 - 2024	Tony Li, UCSD CSE PhD student
2023 - 2024	Tuan Tran, UCSD Undergrad
2023 Fall	Arshia Arya, UCSD CSE Rotation PhD student
2023 Fall	Joanne Pon, UCSD Undergrad, now Master student at CMU
2023 Summer	Wenyuan Jiang, Undergrad from Tongji University
2023 Summer	Yuwei Xiao, Undergrad at SCUT, now a Ph.D. student at UCLA
2023 Spring	Yaqing Yang, Undergrad from Tsinghua University, now a Ph.D. student at CMU HCII
2023 Spring	Zirui Cheng, Undergrad from Tsinghua University
2023 Spring	Jingfei Xu, Undergrad from University of Wisconsin, now Master student at CMU
2023	Raymond Song, UCSD Undergrad, now Master student at CMU RI
2023	Xiyan Shao, UCSD Undergraduate, now Software Engineer at Duolingo
2020 Summer - 2023	Gram Liu, CMU ECE Undergraduate, now Software Engineer at Stripe
2020 Summer - 2023	David Hwang, CMU ECE Undergraduate, now Software Engineer at Tesla

↑ as a faculty member at UCSD ↓ as a PhD student at CMU

2021 Fall	Aishwarya Joshi, CMU ECE Undergraduate
2021 - 2022	Sophie Sacks, CMU ECE Undergraduate
2021 - 2022	Johnson Kuang, Summer REU from UW Seattle
2021 Spring	Bill Guo, CMU HCII Undergraduate
2020 - 2021	Rituparna Roychoudhury, CMU Master Student, now Product Designer at Rex
2019 - 2020	Marc Dubin, CMU HCII Master Student, now at Microsoft
2018 Fall	Ruiqi Zhu, CMU Undergraduate, now Ph.D. student at Georgia Tech
2017 Summer	Minyi Liu, Visiting student from Tsinghua, now Master student at Tsinghua-UW
2017 Summer	Zhijian Yang, Visiting student from Tsinghua, now Ph.D. student at UIUC
2017 Spring	Vita Chen, CMU HCII Master Student, now at Houzz

SERVICE

Program Committees

Usenix Security 2025	Program Committee Member
ACM CCS 2025	Program Committee Member
MobiSys 2025	Program Committee Member
SIGCHI 2024/2025	Program Committee Member
CSCW 2023/2024/2025	Program Committee Member
USEC 2023/2024	Program Committee Member
IEEE S&P 2020	Shadow Program Committee Member
SIGCHI Late Breaking Work 2019/2020	Program Committee Member
CHINESE CHI 2018/2019/2020/2021	Program Committee Member
MobiCom S ³ Workshop 2018	Program Committee Member
SIGCSE 2018	Program Committee Member

Organization Chair

MobileHCI 2022	Student Design Competition Chair
Ubicomp & ISWC 2021	Virtual Platform and Web Co-Chair

Internal Services

UCSD HDSI Colloquium Organizing Committee	2024
UCSD HDSI PhD Admission Committee	2024
UCSD HDSI MS Admission Committee	2024
UCSD HDSI Faculty Broad Area Search Committee	2024
UCSD DataHacks by the Data Science Student Society (Judge)	2024
UCSD HDSI Undergraduate Scholarship Chair	2023
UCSD HDSI-BioEng Joint Faculty Search Committee	2023
UCSD HDSI MS Admission Committee	2023
UCSD HDSI Security & Privacy Faculty Search Committee	2022
UCSD HDSI PhD Admission Committee	2022
CMU HCII Ph.D. Admission Committee	2021
CMU HCII Summer REU Admission Committee	2021
CMU HCII Ph.D. Application Assistance Program	2020
CMU AI Undergraduate Mentoring	2020

Misc

Rising Stars in Data Science workshop Mentoring Program	2024
Symposium on Usable Privacy and Security (SOUPS) Mentoring Program	2024
Cal-Bridge Mentor	2024
RSA Conference 365 Podcast Panelist	2023
CMU Summer Outreach classes for kids	2018
ACM CHI student volunteer	2016

INVITED TALKS, PANELS, PODCASTS, GUEST LECTURES SINCE 2022

- [T.14] Modular Privacy Flows: A design pattern for Data Minimization, Purdue University, April, 2023
- [T.13] Modular Privacy Flows: A design pattern for Data Minimization, University of Michigan, March, 2023
- [T.12] Sensing and Privacy - The Yin-Yang of Ubiquitous Computing, University of California Los Angeles, Samueli Electrical and Computer Engineering, Nov 23, 2022
- [T.11] Sensing and Privacy - The Yin-Yang of Ubiquitous Computing, University of California San Diego, ECE 290 Faculty Seminar, Oct 7, 2022

- [T.10] Sensing and Privacy - The Yin-Yang of Ubiquitous Computing, University of California San Diego, CSE 291 Faculty Seminar, Sep 26, 2022
- [T.9] Sensing and Privacy - The Yin-Yang of Ubiquitous Computing, Shanghai Jiao Tong University, John Hopcroft Center for Computer Science, Sep 25, 2022
- [T.8] Operator-based Data Access for Protecting Users' Privacy, HDSI Industry Member Board Meeting, Sep 15, 2022
- [T.7] Addressing the Challenges of Privacy in IoT, Podcast @ RSA Conference, Aug 25, 2022
- [T.6] Human/System Co-Design to Protect Data Privacy, The University of Maryland, College Park, Apr 11, 2022
- [T.5] Human/System Co-Design to Protect Data Privacy, Carnegie Mellon University (Software and Societal Systems), Apr 4, 2022
- [T.4] Human/System Co-Design to Protect Data Privacy, Simon Fraser University, Mar 21, 2022
- [T.3] Human/System Co-Design to Protect Data Privacy, Georgia Institute of Technology, Mar 17, 2022
- [T.2] Human/System Co-Design to Protect Data Privacy, University of California San Diego, Mar 8, 2022
- [T.1] Human/System Co-Design to Protect Data Privacy, University of Southern California, Feb 23, 2022