Evey Jiaxin Huang

CONTACT

Phone: +1312-868-2777
Email: evey.huang@kellogg.northwestern.edu
Website: www.eveyhuang.com

EDUCATION

Northwestern University, IL, USA
Ph.D. in Technology and Social Behavior | 2024
(Joint Ph.D. in Computer Science and Communication Studies)
Co-Advisors: Elizabeth Gerber and Matthew Easterday
Committee: Elizabeth Gerber, Matthew Easterday, Maia Jacobs, Gonzalo Ramos
M.S. in Technology and Social Behavior | 2023

University of California Berkeley, CA, USA
BA, Economics & Minor in Computer Science | 2017
Berkeley Certificate in Design Innovation

RESEARCH INTEREST

My research lies at the intersection of human-computer interaction, artificial intelligence, and design engineering, where I design and develop proactive, human-centered AI systems that augment human learning, collaboration, and creativity, especially in domains such as knowledge work, scientific research labs, and innovation incubators.

ACADEMIC APPOINTMENTS

Kellogg School of Management, Northwestern University February 2025 - present
Postdoctoral Research Fellow @ NICO; Mentor: Brian Uzzi

- Developing multimodal AI and agentic AI workflows capable of analyzing behaviors and processes from recordings of scientific team meetings at scale. This also involves applying statistical analysis and designing experiments to enhance the accuracy, transparency, and robustness of AI outputs.
- Creating a framework and guidelines that will enable scientists to collaborate effectively with AI, integrating it into their scientific endeavors.

Northwestern University September 2019 - December 2025
Graduate Researcher @ Delta Lab

- Designed, built, and evaluated human-AI systems (powered by Generative AI) that can collaborate with coaches to support novices in solving real-world, complex problems in design, entrepreneurship, and research domains.
- Established a close, collaborative relationship with a community partner (an innovation incubator) to study coaching practices, conduct co-design workshops, and deploy the system to evaluate its impact on coaching activities.

Korea Advanced Institute of Science & Technology (KAIST) June 2018 - 2019
Researcher @ Kixlab; Mentor: Juho Kim

- Developed, prototyped, and assessed a crowd-powered system that enables news readers to collaboratively evaluate the credibility of online information while interacting with the content. This involved conducting formative interviews, rapid and iterative prototyping, and assessing system usability.
- Performed qualitative coding on more than 5,000 Tweets to create a dataset and trained a neural network model that can recommend emojis based on the context of the tweets.

University of California, Berkeley June 2017 - 2018
Research Assistant @ Hybrid Ecologies Lab; Mentor: Eric Paulos

- Created a computational model of literary style by training a neural net on crowdsourced human judgements of style, and developed a suite of tools using this model that analyze new texts and communicate their styles through interactive visualizations.

INDUSTRY EXPERIENCE

SPARK AI | CHINA December 2024 - present
AI Technical Advisor

- Spark AI is a startup in China that is building the next-generation AI technologies to provide personalized learning in K-12 classrooms. During our weekly meetings, I assess the team's product design, technical implementations, and user feedback to ensure the product's technical feasibility, effective implementation, and responsible design.

Northwestern Memorial Hospital June - August 2022
UX Researcher

- Conducted a moderated, qualitative usability testing study involving 12 elderly participants aimed at enhancing the usability of Electronic Health Records. Focused on critical user flows, including locating medications, scheduling provider appointments, and rescheduling those appointments. Identified six key usability issues and provided actionable design recommendations to the designers and UX lead.

DISSERTATION

Evey Huang. *Human-AI collaboration for entrepreneurship coaching: leveraging a cognitive model and an LLM to provide proactive, adaptive, and differentiated support.* (2025)

PAPERS IN PREPARATION

Evey Huang, Matt Groh, Danny Abrams, Brian Uzzi. *Using Multimodal AI to Understand Team Behaviors and Processes at Scale for Scientific Teams*. To submit to *Nature Machine Intelligence.*

CONFERENCE & JOURNAL PUBLICATIONS

Evey Huang, Matthew Easterday, Elizabeth Gerber. 2025. *AI That Helps Us Help Each Other: A Proactive System for Scaffolding Mentor-Novice Collaboration in Entrepreneurship Coaching.* In Proc. ACM Computer-Supported Cooperative Work & Social Computing (CSCW '2025)

Evey Huang, Matt Grow, Danny Abrams, Brian Uzzi. 2025. *Evaluating Multimodal Language Models for Annotating Team Behaviors in Videos.* In 11th International Conference on Computational Social Science (IC2S2 '2025)

Evey Huang, Abhraneel Sarma, Sohyeon Hwang, Eshwar Chandrasekharan, Stevie Chancellor. 2024. *Opportunities, Tensions, and Challenges in Computational Approaches to Addressing Online Harassment.* In Proc. ACM Designing Interactive Systems (DIS '2024) **[Honorable Mention, Top 5%]**

Evey Huang, Daniel Rees Lewis, Shubhanshi Gaudani, Matthew Easterday, Elizabeth Gerber. 2023. *Intelligent Coaching Systems: Understanding One-to-many Coaching for Ill-defined Problem Solving*. In Proc. ACM Computer-Supported Cooperative Work & Social Computing (CSCW '23)

Spencer Carlson, Kristine Lu, **Evey Huang**, Elizabeth Gerber, and Matthew Easterday. 2020. *Designing a model for deliberation-based learning*. In the International Conference of the Learning Sciences, March 2020

Sarah Sterman, **Evey Huang**, Vivian Liu, Eric Paulos. *Interacting with Literary Style through Computational Tools*. 2020. In Proceedings of the 2020 CHI Conference on Human Factors in Computing Systems (CHI '20)

Joongyum Kim, Taesik Gong, Bogoan Kim, Jaeyeon Park, Woojeong Kim, **Evey Huang**, Kyungsik Han, Juho Kim, Jeonggil Ko, and Sung-Ju Lee. 2020. *No More One Liners: Bringing Context into Emoji Recommendations*. In ACM Transactions on Social Computing (TSC '2020).

WORKSHOP PUBLICATIONS

Evey Huang, Kapil Garg, Diego Gómez-Zará, Julie Hui, Chinmay Kulkarni, Michael Massimi, Elizabeth F Churchill, and Elizabeth Gerber. 2023. *Supporting Workers in Developing Effective Collaboration Skills for Complex Work*. In Companion Publication of the 2023 Conference on Computer Supported Cooperative Work and Social Computing (CSCW '23 Companion).

Evey Huang, Daniel Rees Lewis, Matthew Easterday & Elizabeth Gerber. 2023. *Designing Technology to Support Coaching in Informal Learning Environments*. In Helgason I. et al., (Chairs), Digital Skills for the Creative Practitioner: Supporting Informal Learning of Technologies for Creativity. Workshop conducted at the ACM Conference on Human Factors in Computing Systems (CHI '23)

Evey Huang, Matthew Easterday, Elizabeth Gerber. 2022. *Designing Intelligent Coaching Systems to Support Equitable Engagement in Making*. In Turakhia D. et al., (Chairs), Reimagining Systems for Learning Hands-on Creative and Maker Skills. Workshop conducted at the ACM Conference on Human Factors in Computing Systems (CHI '22)

GRANTS

UNDER REVIEW

- Microsoft AI Economy Institute (AIEI) Program | *Developing Proactive Gen-AI Systems that Support Education in Project-Based Courses and Real-world Problems*
- NSF Division of Information and Intelligent Systems (CISE/IIS) | *Developing Human AI Coaching Systems to Enhance Entrepreneurship (PIs: Liz Gerber, Matt Easterday)*

HONORS & AWARDS

Special Recognitions for Outstanding Reviews: CSCW 2022, CHI 2024, UIST 2024
Advanced Cognitive Science Fellow | 2021-22. Northwestern University
Northwestern Segal Design Research Fellowship | 2021 Northwestern University
Google PhD Fellowship department nomination | 2021 Northwestern University
Microsoft PhD Fellowship department nomination | 2021 Northwestern University

TEACHING EXPERIENCE

TEACHING ASSISTANT
HCI STUDIO (2023 Fall, 2024 Winter, 2024 Spring, 2024 Fall)

- Taught and mentored 200+ students through HCI Studio, a project-based course in which undergraduate students learn HCI and design methodologies by applying them to real-world problems in teams of 3–5.
- Collaborated with the main instructor to design and deliver course materials, and coached all student teams in weekly studio sessions, providing personalized, actionable, and emotionally attuned feedback.

Communicating Your Research (2021 Fall)

- Collaborated with the instructors to design and deliver course materials and facilitated in-class activities in this graduate-level course that teaches master's and PhD students how to communicate their research effectively.

INSTRUCTOR
Intro to Natural Language Processing | Computing Everywhere (2022 & 2023 Fall)

- Designed and taught a course on NLP for undergraduate students with no prior experience in programming and computer science.

MENTORING EXPERIENCE

UNDERGRADUATE STUDENTS

- Max Chalekson, now a master's student at Northwestern University
- Breanna Lee, now the founder of Tedio
- Trisha Krishnan, now an AI Robotics intern at Bright Machines
- Shubhanshi Gaudani, now a software engineer at Microsoft

GRADUATE STUDENTS

- In weekly pair-research sessions, I provided tailored feedback and support to my peer PhD students on their research projects

INVITED TALKS & PRESENTATIONS

Microsoft AI & Society Research Seminar | April 02, 2025
Northwestern Center for Behavior Intervention Technologies (CBIT) | May 12, 2025
Designing with AI Guest Speaker | December 2024 & February, 2025
Northwestern Design Cluster | April, 2023

SERVICES

CONFERENCE ORGANIZING

- CSCW 2025 Web-chair
- CHI 2025 Paper Review AC (Interaction beyond individuals)
- HCI+D Conference @ Northwestern Poster Session Organizer

PAPER REVIEW

- ACM Conf. on Computer Supported Cooperative Work (CSCW) | 2022 (Highly Useful Review)
- ACM Conf. on Human Factors in Computing Systems (CHI) | 2021, 2022, 2024
- ACM Conf. on User Interface Software and Technology (UIST) | 2024 (Highly Useful)
- Special Recognitions for Outstanding Reviews: CSCW 2022, CHI 2024, UIST 2024

COMMUNITY SERVICE

- 2020, 2022, 2023 | Organized Northwestern alumni events at CHI and CSCW conferences
- 2019-2023 | Social Event Organizer, School of Communications @ Northwestern
- 2020-2025 | Panelist and Volunteer, Northwestern University PhD Interview Weekend
- 2019-2023 | Board Member, Women in Science and Engineering Research (WISER)

REFERENCES

Brian Uzzi, Professor & Co-director of NICO and Ryan Institute on Complexity
Kellogg School of Management, Northwestern University
uzzi@kellogg.northwestern.edu

Elizabeth Gerber, Professor & Co-director of HCI+D Center
Mechanical Engineering and Communication Studies, Northwestern University
egerber@northwestern.edu

Matthew Easterday, Professor
School of Education and Social Policy, Northwestern University
easterday@northwestern.edu

Haoqi Zhang, Professor & Director of Design, Technology, Research (DTR) program
Computer Science and Design, Northwestern University
hq@northwestern.edu