

Wesley Hanwen Deng

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Research Interests	Responsible AI; Human-AI Interaction; Algorithm Auditing; Organizational Science; Crowdsourcing; Social Computing; Fairness, Accountability, and Transparency.
Education	<p>Carnegie Mellon University, Pittsburgh, PA Ph.D. in Human-Computer Interaction, School of Computer Science 2021 - now Advisors: Ken Holstein & Motahhare Eslami.</p> <p>University of California, Berkeley, Berkeley, CA B.A. in Computer Science 2017 - 2020 Highest Distinction & EECS Research Honor Research Advisors: Niloufar Salehi & Kimiko Ryokai.</p>
Honor and Awards	<p>Microsoft Research AI & Society Fellow \$45,000, Microsoft Research <i>with Ken Holstein, Motahhare Eslami, Jason I. Hong.</i> 2024</p> <p>Best Paper Award 7th AAAI/ACM Conference on Artificial Intelligence, Ethics, and Society, (AIES '24). <i>[P10], with Michael Feffer, Anusha Sinha, Zachary C. Lipton, Hoda Heidari</i> 2024</p> <p>Best Paper Award 12th AAAI Conference on Human Computation and Crowdsourcing (HCOMP '24). <i>[P8], with Sara Kingsley, Jiayin Zhi, Sizhe Zhang, Ken Holstein, Motahhare Eslami, Tianshi Li, Jason I. Hong, Hong Shen.</i> 2024</p> <p>Award Winner of The Notre Dame-IBM Tech Ethics Lab Call for Proposal \$60,000, Norte Dame-IBM Technology Ethics Lab <i>with Motahhare Eslami, Ken Holstein, Jason I. Hong, and Toby Jia-jun Li.</i> 2024</p> <p>Responsible AI Internal Workshop Invited Speaker, TikTok \$2,700, TikTok, NYC Office 2024</p> <p>Best Project Runner Up, CMU AI Governance Course (2/31), Carnegie Mellon University <i>Selected by Juries from the Block Center for Technology and Society</i> 2024</p> <p>Special Recognitions for Outstanding Reviews Computer-Supported Cooperative Work and Social Computing (CSCW) 2024</p> <p>AI Ethics & Society Workshop Invited Participants \$1,500, Allen Institute for AI 2023</p> <p>Special Recognitions for Outstanding Reviews CHI Conference on Human Factors in Computing Systems (CHI) 2023</p> <p>CMU Graduate Student Travel Grant, \$750, Carnegie Mellon University 2022</p> <p>CERES (Connecting the EdTech Research EcoSystem) Fellowship through Jacobs Foundation, Carnegie Mellon University <i>with Ken Holstein, Amy Ogan, Jeff Bigham</i> 2021</p>

	Special Recognitions for Outstanding Reviews	
	Computer-Supported Cooperative Work and Social Computing (CSCW)	2021
	EECS Undergraduate Research Honor	
	Electrical Engineering and Computer Science, UC Berkeley	2020
	Highest Distinction , School of Letter and Science, UC Berkeley	2020
	Dean's List , School of Letter and Science, UC Berkeley	2018, 2019, 2020
Grant Writing & Preparation	[G10] Empowering Privacy Practitioners in Doing Responsible AI Work Seed Fund of Block Center for Technology and Society Co-PI ; <i>Co-written with Sauvik Das, Hank Hao-ping Lee, Motahhare Eslami, Ken Holstein, Jason Hong.</i>	2024
	[G9] Supporting Participatory AI Auditing of Generative AI Systems Seed Fund of Block Center for Technology and Society Co-PI ; <i>Co-written with Motahhare Eslami, Ken Holstein, Jason Hong.</i>	2024
	[G8] AI Ethics & Social Impact: Thinking about impact with Generative AI Ethics Playbook Not recommended for funding; Commitment Grant Presentation for <i>Bill & Melinda Gates Foundation</i> Project Presenter ; <i>Co-presented with Jessie J. Smith, Jon Ball, Nicole DeCario, Jesse Dodge, and Margaret Mitchell</i>	2024
	[G7] Engaging End-users in Surfacing Harmful AI Behaviors in Large-scale AI Awarded (\$60,000) ; <i>Notre Dame-IBM Technology Ethics Lab</i> PI ; <i>Co-written with Motahhare Eslami, Ken Holstein, and Jason Hong; Collaborating with Toby J. Li (Norte Dame University)</i>	2024
	[G6] Searching for Less Discriminatory Algorithms: Mechanisms for Navigating Legal Requirements Submitted; <i>National Science Foundation; Planning Grant for Responsible Design, Development, and Deployment of Technologies (ReDDDoT)</i> Student contributor ; <i>Co-written with Emily Black, Logan Koepke, Mingwei Hsu, Miranda Bogen</i>	2024
	[G5] Generative AI Meets Responsible AI: Supporting User-Driven Algorithm Auditing of Generative AI Systems Awarded (\$60,000) ; <i>Google Research Scholar Program</i> Student contributor ; <i>Co-written with Motahhare Eslami, Ken Holstein.</i>	2024
	[G4] Bridging Between Regulation and On-the-Ground Practice in Responsible AI Awarded (\$45,000) ; <i>MSR AI & Society Challenge</i> PI ; <i>Co-written with Ken Holstein, Motahhare Eslami, and Jason Hong.</i>	2023
	[G3] Generative AI Meets Responsible AI: Supporting User-Driven Algorithm Auditing of Generative AI Systems Not recommended for funding; <i>AWS Amazon Research Awards</i> Student contributor ; <i>Co-written with Motahhare Eslami, Ken Holstein, Jason Hong.</i>	2023
	[G2] Scaffolding Responsible AI Practice at the Earliest Stages of Ideation, Problem Formulation and Project Selection Awarded (\$350,193) ; <i>PwC</i> Student contributor ; <i>Co-written with Ken Holstein, Motahhare Eslami, Jodi Forlizzi, Hoda Heidari, Christian Kaestner, Haiyi Zhu, and John Zimmerman</i>	2023

**Conference
Publications
Stringently
Peer-reviewed**

- [G1] Public AI Engagement through Public Installation and Display 2022
Not recommended for funding; *Remaking Learning Moonshot Grant Proposal*
PI; *Co-written with Ken Holstein, Motahhare Eslami*
- [P12] **Wesley H. Deng**, Claire Wang, Howard Z. Han, Jason I. Hong*, Ken Holstein*, Motahhare Eslami*. (2025). User-engaged AI Audits: Scaffolding User Auditors and AI Practitioners in Auditing Generative AI. *In Submission*
- [P11] **Wesley H. Deng**, Solon Barocas*, Jennifer Wortman Vaughan*. (2025). Supporting Industry Computing Researchers in Assessing, Articulating, and Addressing the Potential Negative Societal Impact of Their Work. *To appear in Proceedings of the ACM on Human-Computer Interaction (CSCW '25)*.
- [P10] Michael Feffer, Anusha Sinha, **Wesley H. Deng**, Zachary C. Lipton, Hoda Heidari (2024). Red-Teaming for Generative AI: Silver Bullet or Security Theater? *In Proceedings of AAAI/ACM Conference on Artificial Intelligence, Ethics, and Society, (AIES '24)*
- [P9] Jordan Taylor, **Wesley H. Deng**, Ken Holstein, Sarah Fox, Haiyi Zhu. (2024). Carefully Unmaking the “Marginalized User:” A Diffractive Analysis of a Gay Online Community. *In Proceedings of ACM Transactions on Computer-Human Interaction (TOCHI '24)*
- [P8] Sara Kingsley*, Jiayin Zhi*, **Wesley H. Deng**, Jaimie Lee, Sizhe Zhang, Motahhare Eslami*, Kenneth Holstein*, Jason I. Hong*, Tianshi Li*, Hong Shen*. (2024). Investigating What Factors Influence Users’ Detection of Harmful Algorithmic Bias and Discrimination. *In Proceedings of the 12th AAAI Conference on Human Computation and Crowdsourcing (HCOMP '24)*.
- [P7] **Wesley H. Deng**, Nur Yildirim, Monica Chang, Motahhare Eslami, Ken Holstein, Michael Madaio. (2023). Investigating Practices and Opportunities for Cross-functional Collaboration around AI Fairness in Industry Practice. *In Proceedings of the 2023 ACM Conference on Fairness, Accountability, and Transparency (FAccT '23)*
- [P6] **Wesley H. Deng**, Boyuan Bill Guo, Alicia DeVrio, Hong Shen, Motahhare Eslami*, Ken Holstein*. (2023). Understanding Practices, Challenges, and Opportunities for User-Engaged Algorithm Auditing in Industry Practice. *in Proceedings of the ACM CHI Conference on Human Factors in Computing Systems (CHI '23)*.
- [P5] **Wesley H. Deng**, Manish Nagireddy, Michelle Seng Ah Lee, Jatinder Singh, Zhiwei Steven Wu, Kenneth Holstein, Haiyi Zhu. (2022). Exploring How Machine Learning Practitioners (Try To) Use Fairness Toolkits. *In Proceedings of the 2022 ACM Conference on Fairness, Accountability, and Transparency (FAccT '22)*
- [P4] Hong Shen, Leijie Wang, **Wesley H. Deng**, Ciell, Ronald Velgersdijk, Haiyi Zhu. (2022). The Model Card Authoring Toolkit: Towards Community-centered, Deliberation-driven AI Design. *In Proceedings of the 2022 ACM Conference on Fairness, Accountability, and Transparency (FAccT '22)*
- [P3] Dan Liebling, Katherine Heller, Samantha Roberston, **Wesley H. Deng**. (2022). Opportunities for Human-centered Evaluation of Machine Translation Systems *In Proceedings of the 2022 North American Chapter of the Association for Computational Linguistics (NAACL '22)*
- [P2] Hong Shen, **Wesley H. Deng**, Aditi Chattopadhyay, Steven Wu, Xu Wang, Haiyi Zhu. (2021). Value Cards: An Educational Toolkit for Teaching Social Impacts of Machine Learning through Deliberation. *In Proceedings of the 2021 ACM Conference on Fairness, Accountability, and Transparency (FAccT '21)*

**Workshop &
Tutorial
Organized
Stringently
Peer-reviewed**

[P1] Jon Gillick, **Wesley H. Deng**, Kimiko Ryokai, David Bamman. Robust Laughter Detection in Noisy Environments. (2021) *In Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP '21)*

[WT06] **Wesley H. Deng**, Glen Berman, Harmanpreet Kaur, Reva Schwartz, Memunat A. Ibrahim, Motahhare Eslami, Ken Holstein, Michael Madaio (2024). Collaboratively Designing and Evaluating Responsible AI Interventions. *Workshop at the ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW'24)*. ACM.

[WT05] **Wesley H. Deng**, Mireia Yurrita, Mark Díaz, Jina Suh, Nick Judd, Lara Groves, Hong Shen, Motahhare Eslami, Kenneth Holstein. (2024) Responsible Crowdsourcing for Responsible Generative AI: Engaging Crowds in AI Auditing and Evaluation. *Workshop at the AAAI 12th AAAI Conference on Human Computation and Crowdsourcing (HCOMP '24)*

[WT04] Hoda Heidari, **Wesley H. Deng***, Michael A. Feffer*, Anusha Sinha*; Supporting NIST's Development of Guidelines on Red-teaming for Generative AI. Workshop at CMU (2024)

[WT03] Ziang Xiao, **Wesley H. Deng**, Michelle Lam, Motahhare Eslami, Juho Kim, Mina Lee, Q. Vera Liao. (2024) Human Centered Evaluation and Auditing of Large Language Models. *Workshop at the ACM CHI Conference on Human Factors in Computing Systems (CHI'24)*

[WT02] **Wesley H. Deng**, Michelle Lam, Alex Cabrera, Danaë Metaxa, Motahhare Eslami, Ken Holstein. (2023). Supporting User Engagement in Testing, Auditing, and Contesting AI. *Workshop at the ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW'23)*. ACM.

[WT01] **Wesley H. Deng**, Shivani Kapania, Ken Holstein, Motahhare Eslami. *Pan-elist*: Lauren Wilcox, Su Lin Blodgett, Danaë Metaxa, Nicholas Diakopoulos, Karrie Karahalios, Shubhanshu Mishra, Christo Wilson (2023). User Engagement in Algorithm Testing and Auditing: Exploring Opportunities and Tensions between Practitioners and End Users. *Critiquing and Rethinking Fairness, Accountability, and Transparency (CRAFT) session at the 2023 ACM Conference on Fairness, Accountability, and Transparency (FAccT '23)*

**Workshop
Publications &
White Paper**

[WP10] Glen Berman, Ned Cooper, **Wesley H. Deng**, Ben Hutchinson (2024). Troubling Taxonomies in GenAI Evaluation. *NeurIPS Workshop on Evaluating Evaluations: Examining Best Practices for Measuring Broader Impacts of Generative AI (EvalEval, NeurIPS '24)*

[WP9] Claire Wang, **Wesley H. Deng**, Jason I. Hong, Kenneth Holstein, Motahhare Eslami. (2024). Designing a Crowdsourcing Pipeline to Verify Reports from User AI Audits. *Work in Progress / Demo at the AAAI 12th AAAI Conference on Human Computation and Crowdsourcing (HCOMP '24)*

[WP8] Matheus Kunzler Maldaner, **Wesley H. Deng**, Jason I. Hong, Kenneth Holstein, Motahhare Eslami. (2024). MIRAGE: Multi-model Interface for Reviewing and Auditing Generative Text-to-Image AI. *Work in Progress / Demo at the AAAI 12th AAAI Conference on Human Computation and Crowdsourcing (HCOMP '24)*

[WP7] **Wesley H. Deng***, Michael A. Feffer*, Anusha Sinha*, Hoda Heidari (2024). An Executive Summary of Comments Submitted to NIST in Response to RFI 88368. *White paper for National Institute of Standards and Technology*

[WP6] **Wesley H. Deng**, Jason Hong (2024). Organizing Crowd Audits to Detect Bias in Machine Learning. *NSF Fairness in AI PI Meeting; 2024*

[WP5] **Wesley H. Deng**, Motahhare Eslami, Kenneth Holstein. (2023) Towards “Anytime, Anywhere” Community Learning and Engagement around the Design of Public Sector AI. *Workshop on AI Literacy: Finding Common Threads between Education, Design, Policy, and Explainability; CHI 2023*

[WP4] **Wesley H. Deng**, Nikita Mehandru, Samantha Roberston, Niloufar Salehi. (2022) Beyond General Purpose Machine Translation: The Need for Context-specific Empirical Research to Design for Appropriate User Trust. *Workshop on Trust and Reliance in AI-Human Teams; CHI 2022*

[WP3] **Wesley H. Deng**, Manish Narigeddy, Zhiwei Steven Wu, Kenneth Holstein, Haiyi Zhu. (2021) Evaluating Fairness in Practice: Exploring How Machine Learning Practitioners Use Fairness Toolkits. *Human-Centered AI Workshop; NeurIPS 2021*

[WP2] Samantha Roberston, **Wesley H. Deng**, Timnit Gebru, Margaret Mitchell, Dan Liebling, Michal Lahav, Katherine Heller, Mark Diaz, Samy Bengio, Niloufar Salehi. (2021) Three Directions for the Design of Human-Centered Machine Translation. *1st HCI + NLP Workshop, NAACL 2021*

[WP1] Kimiko Ryokai, Julia Park, **Wesley H. Deng**. (2020) Personal laughter archives: reflection through visualization and interaction. *Adjunct Proceedings of the 2020 ACM International Conference on Ubiquitous Computing (UbiComp 2020)*

Research Experience

AllenNLP, Allen Institute for AI Fall 2023 - now
Research Assistant (Research Intern offer deferred due to Visa constraint)
Research supervisor: Jesse Dodge & Nicole DeCario
Research Topics: Responsible AI, Generative AI, Impact Assessment

FATE, Microsoft Research Summer 2023
Research Intern
Research supervisors: Jenn Wortman Vaughan & Solon Barocas
Research Topics: Responsible AI, Impact Assessment.

4A Lab, Carnegie Mellon University Summer 2021 - now
Ph.D. Student
Research supervisors: Motahhare Eslami
Research Topics: Responsible AI ([P7], [P8]), Algorithm Auditing [P7]

CoALA Lab, Carnegie Mellon University Fall 2020 - now
Pre-Doctoral Research Assistant & Ph.D. Student
Research supervisors: Ken Holstein
Research Topics: Responsible AI ([WP3], [P5], [P7], [P8]), Algorithm Auditing ([P7])

Social AI Group, Carnegie Mellon University Fall 2020 - Fall 2021
Pre-Doctoral Research Assistant
Research supervisors: Haiyi Zhu and Steven Wu
Research Topics: Responsible AI ([P2], [P4], [P5]), ML Fairness ([WP3], [P5]) and Social Computing [P6]

To3 Group, University of California, Berkeley
& **Google Ethical AI, Google** Fall 2019 - Fall 2020
Undergraduate Research Assistant
Research supervisors: Niloufar Salehi
Research Topics: Responsible AI for Machine Translation ([WP2], [WP4], [P3])

BioSENSE Lab, University of California, Berkeley Fall 2018 - Fall 2020
Undergraduate Research Assistant
Research supervisors: Kimiko Ryokai and David Bamman
Research Topics: Design [WP1] and Ubiquitous computing ([WP1], [P1])

**Invited Talk
and Panelist**

Supporting Responsible AI in Real-world Organizational Contexts: Current Practices, Challenges, and Opportunities in Industry Settings

Invited talk at Tencent, Shanghai 05/2024
Invited talk at Google, Shanghai 05/2024
Invited talk at TikTok, NYC 04/2024
Invited talk at Salesforce, (Remote) 04/2024
Invited (lightening) talk at TikTok, NYC 03/2024
Invited talk at Capital One, Data Science Team 07/2023
Invited talk at TU Delft, Faculty of Industrial Design Engineering 05/2023
Invited talk at TU Delft, Faculty of Electrical Engineering, Mathematics and Computer Science, Delft University of Technology 05/2023

Understanding Practices, Challenges, and Opportunities for User-Engaged Algorithm Auditing in Industry Practice

Invited talk at University of California, Berkeley, Algorithmic Fairness and Opacity (AFOG) Group 10/2022

Exploring How ML Practitioners (Try To) Use Fairness Toolkits

Invited talk at PwC AI Governance Group 03/2022
Invited talk at Google PAIR 08/2022
Invited talk at IBM AIF360 developer team monthly meeting 07/2022
Invited talk at Fairlearn developer team meeting 03/2021

Other talks and panels

Invited panelist, "Flavor of HCI"
hosted by Carnegie Mellon University, User Experience Association 11/2022
Invited speaker, "Applying for Ph.D. programs in Human-Computer Interaction"
hosted by UC Berkeley, Chinese Student Association 07/2022
Invited panelist, Graduate School Application Panel,
hosted by Carnegie Mellon University, REU Summer Program in HCII 06/2022
Invited presenter, Design Innovation Lecture Series,
hosted by UC Berkeley, Jacobs Institute for Design Innovation 08/2022
Invited panelist, EECS Research Honor program panel,
hosted by UC Berkeley, EECS Honor program 03/2021

Invited presenter, Designing Emergent Technology,
hosted by UC Berkeley, Jacobs Institute for Design Innovation 12/2019

Selected Press 12/2023, **World Privacy Forum**, Risky Analysis: Assessing and Improving AI Governance Tools. An international review of AI Governance Tools and suggestions for pathways forward

07/2023, **Center for Advancing Safety of Machine Intelligence**, AI ethics debate at Chicago conference, precursor to CASMI's next workshop.

06/2023, **Queer in AI**, 3 things that AI ethics toolkits get wrong.

12/2022, **WIRED**, ChatGPT, Galactica, and the Progress Trap: When large language models fall short, the consequences can be serious. Why is it so hard to acknowledge that?

11/2021, **CMU HCII**, HCII Researchers To Study Improving Algorithm, Computer Science Education as Part of CERES Network.

Academic Service **Associate Chair**
DIS 2025, AI and Design Subcommittee

Program Committee
FAccT, Since 2022
Empathy-centric Design at Scale Workshop, CHI 2022

Conference Reviewer
CHI, since 2021, with special recognition for outstanding reviews (2023)
CSCW, since 2021, with special recognition for outstanding reviews (2021, 2024)
FAccT, since 2021
AIES, since 2023
ICASSP 2021
TEI 2023

Community Service **Organizer:** CMU HCII Ph.D. Student Social Hour 2021, 2022, 2023, 2024
Organize the bi-monthly social event to foster engagement and mutual supports among HCII Ph.D. students, visiting scholars, and post-doctors.

Organizer: CMU HCII Ph.D. & Faculty Off-campus Tea Hour 2023, 2024
Launch and organize semester-wise off-campus tea hours at a local coffee shop, fostering community and collaboration among HCII Ph.D. students and faculty members.

Organizer: CMU Ph.D. Student CHI Conference Practice Talk 2022, 2023, 2024
Coordinate the annually event for HCII Ph.D. students to practice their conference talk for the CHI conference on Human Factors in Computing Systems.

Organizer: CMU HCII Summer REU and Ph.D. Social Event 2023
Coordinate social event for the REU program, enabling undergraduates to connect with HCII faculty and Ph.D. students, and gain insights into HCI research and doctoral life.

Organizer: CMU Responsible AI Initiate Ph.D. Student Gathering 2022
Initiate and coordinate the inaugural CMU Ph.D. student gathering focused on Re-

sponsible AI research, promoting cross-campus communication and collaboration among students engaged in this field.

Organizer: CMU HCII Ph.D. Junior-Senior Coffee chat 2021
Coordinated the department-supported HCII Ph.D. student coffee chats to foster mutual support and mentorship between junior and senior HCII Ph.D. students.

Co-organizer: CMU HCII Department Welcoming Event 2024
Co-organize the HCII department welcoming party for all HCII Ph.D. students, Master students, staffs, and faculty members.

Co-organizer: CMU HCII Seminar Speaker Student Host 2021, 2022, 2023, 2024
Support the department to host HCII seminar speakers by organizing the student lunch.

Participant: CMU School of Computer Science Ph.D. Application Assistance
for underrepresented applicants 2022, 2023
Support 3-5 underrepresented applicants each year to apply for CS Ph.D. program.

Participant: Graduate School Application Panel for Summer REU Program 2022
Attending panels for REU students and provide overview and help of PhD application.

Participants: CMU HCII Ph.D. Opening House Events 2021, 2022, 2023, 2024
Volunteer for welcoming accepted Ph.D. candidates through various activities.

Research Mentorship

Jordan Wheeler, CMU, Research Assistant through Research Experiences for Undergraduates (REU) Summer 2024 - Now

Matheus Kunzler Maldaner, University of Florida, Research Assistant through Research Experiences for Undergraduates (REU) Summer 2024 - Now

Claire Wang, University of California, Berkeley, Research Assistant through Research Experiences for Undergraduates (REU) Summer 2024 - Now

Yanwei Huang, Zhejiang University, Research Assistant Summer 2024 - Now

Howard Han, CMU, Master Student Research Assistant
Now CMU HCII Ph.D. Spring 2023 - Spring 2024

Xiaofeng Yan, CMU, Master Student Research Assistant
Now Columbia University CS Ph.D. Fall 2022 - Spring 2023

Jieyu Zhou, CMU, Master Student Research Assistant
Now Georgia Tech Interactive Computing Ph.D. Spring 2022 - Spring 2023

Leijie Wang, Tsing-hua University, Undergraduate HCI Research Assistant
Now UW CSE Ph.D. Spring 2021 - Spring 2022

Bill Guo, CMU, Undergraduate HCI Research Assistant Summer 2021 - Fall 2022

Project Mentorship

Bhavya Jha, CMU, Master Student Research Assistant Spring 2024 - Now

Vicky Zhu, CMU, Undergraduate Independent Study Spring 2024

Carson Piehl, CMU, Undergraduate Independent Study Spring 2024

Yvonne Fang, CMU, Master Student Research Assistant Spring 2023 - Summer 2023

Anthony Pan, CMU, Undergraduate Design Project Fall 2022

Christy Zo, CMU, Undergraduate Design Project Fall 2022

Rebecca Jiang, CMU, Undergraduate HCI Independent Study Summer 2022

Vivek Nadig, Valley Christian High School, High School student Summer 2022

Andrew Sim, CMU, Master Student Independent Study Spring 2022

Harnoor Dhingra, CMU, Master Student Independent Study Spring 2022

Susan Huang, CMU, Undergraduate HCI Research Assistant Fall 2021

Alice Tran, CMU, Undergraduate HCI Research Assistant Fall 2021

Teaching

User Centered Research and Evaluation, 05-710, CMU

Graduate TA; 2023

Data Science, *Data 100*, *UC Berkeley*
Probability Theory, *Statistics 134*, *UC Berkeley*
Data Structure, *CS 61B*, *UC Berkeley*
Introduction of Computing, *CS 61A*, *UC Berkeley*
Physics for Engineers, *Physics 7A*, *UC Berkeley*

Undergraduate TA; 2020
Group Tutor; 2019
Lab Assistant; 2019
Lab Assistant; 2018
One-on-one Tutor; 2018