

# William Agnew

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## Education

- Georgia Institute of Technology** 2013-2017
- BS Discrete Mathematics, Highest Honors
- University of Washington** 2017-2023
- Computer Science PhD Candidate, Advised by Sidd Srinivasa
  - MS Computer Science 2019
  - PhD Computer Science 2023
  - TA Experience
    - CSE 416 Introduction to Machine Learning
    - CSE 478 Autonomous Robotics
    - CSE 473 Introduction to Artificial Intelligence
- Massachusetts Institute of Technology** Summer 2020-Summer 2021
- Visiting PhD Student, MIT Cocosci
- Carnegie Mellon University** 2023-Present
- CBI Postdoc Fellow

## Work

- Google Research** Summer 2021-Winter 2022
- Research Intern, Summer 2021
  - Student Researcher, Winter 2022
- DeepMind London** Summer 2022-Winter 2022
- Research Scientist Intern, AI Ethics and STS
- Ada Lovelace Institute** Fall 2023-Spring 2024
- AI Policy Consultant

## Publications

1. Wu, Y., **Agnew, W.**, Edwards, W. K., & Das, S. (2025). Design (ing) Fictions for Collective Civic Reporting of Privacy Harms. CSCW '25
2. Mundt, M., Ovalle, A., Friedrich, F., Agrawal, P., Paul, S., Brack, M., ... & **Agnew, W.** (2025). The Cake that is Intelligence and Who Gets to Bake it: An AI Analogy and its Implications for Participation. *arXiv preprint arXiv:2502.03038*.
3. **Agnew, William**, et al. "Sound Check: Auditing Audio Datasets." *arXiv preprint arXiv:2410.13114* (2024).
4. **Agnew, William**, et al. "Data Defenses Against Large Language Models." *arXiv preprint arXiv:2410.13138* (2024).
5. Kapania, S., **Agnew, W.**, Eslami, M., Heidari, H., & Fox, S. (2024). 'Simulacrum of Stories': Examining Large Language Models as Qualitative Research Participants. *arXiv preprint arXiv:2409.19430*.
6. Hong, R., **Agnew, William**, Kohno, T., & Morgenstern, J. (2024). Who's in and who's out? A case study of multimodal CLIP-filtering in DataComp. AIES 2024.

7. **Agnew, William**, Bergman, A. S., Chien, J., Díaz, M., El-Sayed, S., Pittman, J., ... & McKee, K. R. (2024, May). The illusion of artificial inclusion. In Proceedings of the CHI Conference on Human Factors in Computing Systems.
8. **Agnew, William**, et al. "Bound by the Bounty: Collaboratively Shaping Evaluation Processes for Queer AI Harms." AIES 2023.
9. **Agnew, William**, et al. "[Queer In AI: A Case Study in Community-Led Participatory AI](#)." FAccT 2023. **Best Paper Award**
10. Pratyusha Ria Kalluri, **William Agnew**, Myra Cheng, Kentrell Owens, Luca Soldaini, Abeba Birhane (equal contributions). "[The Surveillance AI Pipeline](#)" Nature.
11. A Stevie Bergman, Lisa Anne Hendricks, Maribeth Rauh, Boxi Wu, **William Agnew**, Markus Kunesch, Isabella Duan, Iason Gabriel, William Isaac. "[Representation in AI Evaluations](#)". FAccT 2023.
12. Irene Solaiman, Zeerak Talat, **William Agnew**, et al. "[Evaluating the Social Impact of Generative AI Systems in Systems and Society](#)".
13. Abeba Birhane, Pratyusha Kalluri, Dallas Card, **William Agnew**, Ravit Dotan, Michelle Bao (equal contributions). "[The Values Encoded in Machine Learning Research](#)." FAccT 2022. **Best Paper Award**
14. Andrew Hundt, **William Agnew** (equal contributions), Vicky Zeng, Severin Kacianka, Matthew Gombolay. [Robots Enact Malignant Stereotypes](#). FAccT 2022.
15. "[Queer in AI](#)." Hetvi Jethwani, Arjun Subramonian, **William Agnew**, MaryLena Bleile, Sarthak Arora, Maria Ryskina, Jeffrey Xiong. XRDS: Crossroads, The ACM Magazine for Students.
16. Jesse Dodge, Maarten Sap, Ana Marasović, **William Agnew**, Gabriel Ilharco, Dirk Groeneveld, Margaret Mitchell, Matt Gardner. "[Documenting Large Webtext Corpora: A Case Study on the Colossal Clean Crawled Corpus](#)." Accepted to EMNLP '21.
17. **Agnew, William**, Pedro Domingos. "[Relevance-Guided Modeling of Object Dynamics for Reinforcement Learning](#)."
18. **William Agnew**, Christopher Xie, Aaron Walsman, Octavian Murad, Caelen Wang, Pedro Domingos, and Siddhartha Srinivasa "[Amodal 3D Reconstruction for Robotic Manipulation via Stability and Connectivity](#)" Accepted to 4th Conference on Robot Learning (CORL) for a **Plenary Talk** (20/485). **Spotlight** at Object-Oriented Learning Workshop @ ICML2020.
19. **Agnew, William**, Pedro Domingos. "Unsupervised Object-Level Deep Reinforcement Learning." Deep Reinforcement Learning Workshop at NeurIPS 2018.
20. **Agnew, William**, Michael Fischer, Kyle Chard, and Ian Foster. "Touring Dataland? Automated Recommendations for the Big Data Tourist." Proc. of The International Conference for High Performance Computing, Networking, Storage and Analysis, Utah, Salt Lake City. **SC '16 Undergraduate SRC First Place**
21. **Agnew, William**, Michael Fischer, Ian Foster, and Kyle Chard. "An Ensemble-based Recommendation Engine for Scientific Data" IEEE/ACM DataCloud 2016.
22. **Agnew, William**, HyunJong Lee, Minsung Jang, Ada Gavrilovska, and Karsten

Schwan. "Reducing Mobile Throttling from Temperature by Offloading Apps." Tiny Transactions on Computer Science 4

23. Lee, HyunJong, Minsung Jang, **William Agnew**, Ada Gavrilovska, and Karsten Schwan. "TeSLA: Thermal Service Level Agreement for Mobile Devices." Poster Session Presented at: ACM HotMobile 2016

## Service

2018

- Founding President, [Queer in AI](#)
- Chair, [Queer in AI @ NeurIPS 2018 Satellite Workshop](#)
- Vice President External STEM Partnerships, [oSTEM](#)

2019

- Organizer, [Generative Modeling and Model-Based Reasoning for Robotics and AI Workshop](#), ICML 2019
- Organizer, [Queer in AI Workshop @ ICML](#)
- Organizer, [Queer in AI Workshop @ NeurIPS](#)
- Vice President External STEM Partnerships, [oSTEM](#)
- Core Organizer, [Queer in AI](#)

2020

- Reviewer, [AAAI 2020 Workshop on Diversity in Artificial Intelligence](#)
- Vice President External STEM Partnerships, [oSTEM](#)
- Organizer, [Queer in AI Workshop @ ICML](#)
- Organizer, [Queer in AI Meetup @ CoRL](#)
- Lead Organizer, Queer in AI Graduate Application Financial Aid and Review
  - Gave \$17,000 in scholarships to over 20 people
- Organizer, [Resistance AI Workshop @ NeurIPS](#)
- Organizer, [Object Representations for Learning and Reasoning Workshop @ NeurIPS](#)
- Core Organizer, [Queer in AI](#)
- Organized series of anti-racism workshops for UW robotics

2021

- Core Organizer, [Queer in AI](#)
- Co-Chair, Queer in AI Graduate Application Financial Aid and Review
  - Gave \$70,000 in scholarships to over 80 people
- Vice President External STEM Partnerships, [oSTEM](#)
- Social Chair, ICLR'22
- [Queer in AI @ ICLR'22 Social](#) Organizer
- [Beyond Fairness: Towards a Just, Equitable, and Accountable Computer Vision](#) CVPR Workshop Reviewer

2022

- Core Organizer, [Queer in AI](#)
- Co-Chair, Queer in AI Graduate Application Financial Aid and Review
- Vice President External STEM Partnerships, [oSTEM](#)
- Organizer, [Queer in AI @ ICML 2022](#) Workshop

- Organizer, [Collaboratively Developing Evaluation Frameworks for Queer AI Harms](#) Craft Workshop at FAccT'22
  - Organizer, [Queer in AI @ NeurIPS 2022](#) Workshop
- 2023
- Core Organizer, [Queer in AI](#)
  - Vice President External STEM Partnerships, [oSTEM](#)
  - Organizer, Queer in AI @ ICML 2022 Workshop
  - Organizer, Abolitionist and decolonial voices speak: What do WE need from ML? CRAFT at FAccT'23
  - Reviewer, CHI'23 HRI'23
- 2024
- Core Organizer, [Queer in AI](#)
  - Vice President External STEM Partnerships, [oSTEM](#)
  - Ethics Reviewer, NeurIPS 2024
  - AC, CHI Critical Computing, Sustainability, and Social Justice area
- 2025
- Core Organizer, [Queer in AI](#)
  - Vice President External STEM Partnerships, [oSTEM](#)
  - Reviewer, FAccT 2025

## Invited Talks and Panels

- Auditing AI at UW Technology Law & Public Policy Clinic 2025
- Queerness and AI at Microsoft GLEAM 2024
- Mapping the Surveillance AI Pipeline at the Against Military AI Reading Group at Mila 2024
- "What is Computer Vision Used for?" at Visual AI Lab at Princeton
- "AI Ethics—Can We Do It?" at [Coding Aperitivo](#), University of Milan
- Panelist at DeepMind Queer AI Workshop
- Panelist at [Beyond Fairness in Machine Learning](#) NeurIPS'21 Tutorial
- ["Give Your Time to Radical Communities, Not Your Boss"](#) NAACL'21 D&I Keynote.
- "Queering Science" at Entomology 2020
- "Amodel 3D Reconstruction with Physics Priors" MIT Cocosci (May 2020)
- Welcome Address, [Queer in AI @ NeurIPS 2018 Satellite Workshop](#)

## Grants and Fundraising

- Raised over \$650,000 from 2018-2024 from corporate and private donors and grants to support queer AI research and researchers at Queer in AI
- \$50,000 grant from the Ford Foundation to support Queer in AI (2023)
- \$5,000 X-Grant from the MacArthur Foundation to support the Resistance AI Workshop

## Honors and Awards

- Outstanding Paper Award, FAccT 2023
- Outstanding Paper Award, FAccT 2022
- DoD NDSEG Fellowship
- Supercomputing '16 Undergraduate Student Research Competition 1st Place
- Supercomputing '16 Student Conference Scholarship
- Two [PURA](#) Research Grants
- Best Computer Science Presentation at 2016 Georgia Tech Undergraduate Research Symposium
- Zell Miller Scholarship

## **Skills**

- Programming Languages: Python, Java, C, R
- Frameworks: Pytorch, Tensorflow, MuJoCo, Jax
- Technical Skills: Computer Vision, Natural Language Processing, Big Data, Visualization, Technical Writing, Statistical Analysis, Reinforcement Learning