

Derya Akbaba

PhD Candidate in Visualization & HCI

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Education

Linköping University

PhD Candidate in Computer Science

Norrköping, Sweden

2022 - present

- Focus: Data Visualization; Epistemology; Human-Centered Computing
- Advisor: Miriah Meyer, Co-Advisor: Lauren Klein
- Expected graduation: September 2025

University of Utah

MSc in Computing

Salt Lake City, UT

2019 - 2022

- Focus: Data Visualization; Human-Centered Computing
- 4.0 GPA
- Advisor: Miriah Meyer

Cornell University

BSc in Industrial & Labor Relations

Ithaca, NY

2010 - 2013

- Minors: Economics; Cognitive Science

Publications

REFEREED CONFERENCE PUBLICATIONS

Entanglements for Visualization: Changing Research Outcomes through Feminist Theory

Derya Akbaba, Lauren Klein, Miriah Meyer

IEEE Transactions on Visualization and Computer Graphics, 2025, **Best Paper Award (Top 1%)**

Discursive Patinas: Anchoring Discussions in Data Visualizations

Tobias Kauer, Derya Akbaba, Marian Dörk, Benjamin Bach

IEEE Transactions on Visualization and Computer Graphics, 2025

Troubling Collaboration: Matters of Care for Visualization Design Study

Derya Akbaba, Devin Lange, Michael Correll, Alexander Lex, Miriah Meyer

Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems, 2023

“Two Heads are Better than One”: Pair-Interviews for Visualization

Derya Akbaba, Miriah Meyer

IEEE Transactions on Visualization and Computer Graphics (short papers), 2023

Data Hunches: Incorporating Personal Knowledge into Visualizations

Haihan Lin, Derya Akbaba, Miriah Meyer, Alexander Lex

IEEE Transactions on Visualization and Computer Graphics, 2023

REPORTS, WORKSHOP PAPERS, & EXTENDED ABSTRACTS

Visualization and the Humanities: Towards a Shared Research Agenda (Dagstuhl Seminar 23381)

Johanna Drucker, Mennatallah El-Assady, Uta Hinrichs, Florian Windhager, Derya Akbaba

Schloss Dagstuhl–Leibniz-Zentrum für Informatik, 2024

words matter || mattering words

Derya Akbaba

CSCW Workshop. A Toolbox of Feminist Wonder: Theories and methods that can make a difference, 2023

A speculative feminist knowledge elicitation system

Derya Akbaba, Eirini Kaklopoulou

Workshop at AI for Humanity and Society 2023, 2023

I Was Here: Digital Traces as Design Material

Tobias Kauer, Derya Akbaba

Information+ Conference, 2023

Wait...I never signed up to be an economist.

Derya Akbaba, Kiran Gadhave

Visualization Design Lab Blog (2021). 2021

Reflections on applying feminist theory to visualization research

Derya Akbaba, Lauren Klein, Miriah Meyer

Information+ Conference, 2021

Manifesto for Putting ‘Chartjunk’ in the Trash 2021!,

Derya Akbaba, Jack Wilburn, Miriah Meyer

alt.VIS Workshop, IEEE VIS, 2021

Visualizing Uncertainty: What can graphics convey about the character of data?

Derya Akbaba

Natural History Magazine (2020), 2020

PUBLIC ENGAGEMENT WORK

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|------|--|--------|
| 2025 | Data & Me Exhibit , Exhibit at local science center, <i>Vis.C News</i> , <i>LiU News</i> | Sweden |
| | Data Crafting Workshops , Data physicalization workshops for children | Sweden |
| 2024 | Östergötland Stadsmission Workshops , Data physicalization workshops for empowerment, <i>Vis.C News</i> | Sweden |

Professional Service + Teaching

REVIEWING

- IEEE VIS** Full Papers ('22, '23, '24, '25), alt.vis ('22, '23)
ACM CHI Full Papers ('25), alt.chi ('25)
ACM DIS Full Papers ('25)
ACM C&C Pictorials ('25)
IEEE TVCG Journal ('23)

SERVICE

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| 2025 | CG&A Critical Visualization (Special issue) , Guest Editor |
| | Input Visualization (IEEE VIS Workshop) , Organizing Committee |
| | Bring Your Own Biodata (ACM DIS Workshop) , Organizing Committee |
| | Interaction Design as a Form of Decolonial Care (ACM C&C Workshop) , Organizing Committee |
| 2024 | VISions for the Future (IEEE VIS Workshop) , Organizing Committee |
| | EuroVis , Student Volunteer |
| 2023 | alt.vis (IEEE VIS Workshop) , Organizing Committee |
| | Information+ Conference , Organizing Committee |
| 2022 | alt.vis (IEEE VIS Workshop) , Organizing Committee |
| | Eyeo Festival , Student Volunteer |
| 2021 | Fair pay (IEEE VIS panel) , Organizer |
| 2020 | IEEE VIS , Student Volunteer |
| | College of Engineering Diversity Committee (U. of Utah) , Grad Student Body Representative |

TEACHING

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| S2024 | TDDE39: Physical Interaction Design and Prototyping , Instructor: Implosion Workshop Seminar | Linköping University |
| S2024 | Feminist Data Visualization Workshop , Instructor | Graphic Hunters |
| F2023 | TNM101: Advanced Visualization Design , Instructor: Critical Perspectives in Visualization Seminar | Linköping University |
| S2023 | TDDE39: Physical Interaction Design and Prototyping , Instructor: Implosion Workshop Seminar | Linköping University |
| S2022 | SHETech Explorer Day , Instructor at Women Tech Council, Utah | USA |
| S2020 | COMP1010: Computing for All , Teaching Assistant | University of Utah |

ADVISING

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| S2024 | Camilla Svensson , MSc of Design | Linköping University |
| S2024 | Claudia Torelli , MSc of Design | Linköping University |
| S2021 | Pranav Rajan , BSc of Computer Science | University of Utah |

SELECTED EXPERIENCE

2025	FemTech and Feminist Tech Focus Period , 3 day workshop about technology design that engages with societal impact aligned with UN Sustainable Development Goals regarding health, wellbeing, and gender equality.	Sweden
2024	NORDES Summer school , Week focused on socio-ecologically just design after progress	Sweden
	Digital STS Hub , Science and technology studies group sharing & supporting research	Sweden
	Feminist Wonder Working Group , Interdisciplinary HCI scholars developing a toolbox of feminist methods/methodologies	virtual
2023	Dagstuhl Seminar , Week-long event on topic of: "Visualization and the Humanities: Towards a Shared Research Agenda"	Germany
2022	STEM Ambassador, Spring Cohort , Semester long program run by U of Utah, that trains and supports communicating science efforts to the public	USA
2021	Visiting Researcher, Polarization Lab, Duke University , Conducted study with Dr. Chris Bail and computational sociologists	USA
2020	CRA-WP Grad Cohort for Women , Conference that supports women in computing	virtual
	ComSciCon 2020 Flagship Workshop , Workshop for training and supporting science communication to public	virtual
	Critical Code Studies , Working group to discuss code from critical theoretical perspectives	virtual
2019	School for Poetic Computation , Member of Code, Paper, Scissor Cohort examining material aspects of code	USA

Presentations + Talks

2024	Exploring New Threads in Visualization Research , FFF at KTH	Sweden
	Responsible Computing: Sketching a different future for vis research , VIG at Utrecht University	Netherlands
	Responsible Computing: Sketching a different future for vis research , VIS Cluster at TU Eindhoven	Netherlands
	Are visualizations haunted? , Cest-la-viz Conference	Netherlands
	Changing Research Outcomes through Feminist Theory , Best Paper Session at IEEE VIS	USA
	Changing Research Outcomes through Feminist Theory , Atlanta Interdisciplinary Artificial Intelligence Network at Emory University	USA
	Staying with the Trouble: Applying Feminism to Visualization Research , University of Utah	USA
	Data Empowerment , Östergötlands Stadsmission	Sweden
	Feminist Data Visualization , Beautiful Data sessions by Graphic Hunters	virtual
2023	Troubling Collaboration: Matters of Care in Visualization Design Study , CHI Conference	Germany
	Troubling Collaboration: Matters of Care in Visualization Design Study , ITU Copenhagen	Denmark
	Staying with the Trouble: Applying Feminism to Visualization Research , King's College London	UK
	Staying with the Trouble: Applying Feminism to Visualization Research , City, University of London	UK
	Staying with the Trouble: Applying Feminism to Visualization Research , CIM at University of Warwick	UK
2021	Manifesto for Putting "Chartjunk" in the Trash 2021! , alt.vis Workshop at IEEE VIS	virtual
	Interactive Visualizations in Social Science Networks , Polarization Lab at Duke University	USA

References available upon request.