

# Derya Akbaba

PhD Candidate in Visualization & HCI

✉ derya.akbaba@liu.se | 🏠 gotdairyya.github.io

## Education

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### 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

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

## Professional Service + Teaching

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### REVIEWING

- VIS** Full Papers ('22, '23, '24), alt.vis ('22, '23)
- CHI** Full Papers ('25), alt.chi ('25)
- DIS** Full Papers ('25)
- TVCG** Journal ('23)
- Frontiers** Journal ('24)

### SERVICE

- 2025 **CG&A Critical Visualization (Special issue)**, Guest Editor
- 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 **Panel about fair pay at IEEE VIS**, Organizer
- 2020 **IEEE VIS**, Student Volunteer
- College of Engineering Diversity Committee (U. of Utah)**, Grad Student Body Representative

### TEACHING

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

### ADVISING

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|-------|---|----------------------|
| S2024 | <b>Camilla Svensson</b> , MSc of Design       | Linköping University |
| S2024 | <b>Claudia Torelli</b> , MSc of Design        | Linköping University |
| S2021 | <b>Pranav Rajan</b> , BSc of Computer Science | University of Utah   |

## SELECTED EXPERIENCE

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

## Presentations + Talks

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

References available upon request.