

Emilia Ruzicka

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Skills

Coding, Data, & Visualization

R, Airtable, Datawrapper, HTML, CSS, p5.js, Tableau, Python, SAS, Java, MATLAB, ArcGIS

Adobe Software

Illustrator, Photoshop, InDesign, Audition

General Software

Microsoft Office Suite, Google Suite

Languages

English, Spanish

Memberships

Trans Journalists Association

03/2023 – Present

Investigative Reporters & Editors (IRE), National Institute for Computer Assisted Reporting (NICAR)

02/2020 – Present

Data Visualization Society

10/2019 – Present

Conferences & Awards

NICAR Panelist

2023-2025

NICAR Lightning Talk Presenter

2021, 2025

IRE Panelist

2024

Outlier Lightning Talk Presenter

2024

National Association of LGBTQ+ Journalists Conference Panelist

2024

Society for Advancing Business Editing and Writing Health Care Symposium Fellow

2023

Outlier Unconference Session Facilitator

2021, 2022

Education

University of Virginia, Charlottesville, VA

M.A., Media, Culture, and Technology; Certificate, Digital Humanities

Brown University, Providence, RI

Honors Sc.B., Data Journalism

University of Minnesota, Minneapolis, MN

Summer Institute in Biostatistics

Rhode Island School of Design, Providence, RI

Mapping Information Course

Work Experience

Graduate Research Assistant, Sloane Lab, University of Virginia

10/2023 – Present

- Spearheads research about the role of data and AI technologies in the journalism industry, including scheduling and conducting interviews, newsroom observations, and conference observations
- Processes qualitative research data, distilling broad trends and granular insights into research reports, presentations, and publishable work
- Developed database to organize *Co-Opting AI* book series

Writer, *Nightingale*, the Journal of the Data Visualization Society

11/2019 – Present

- Writes articles pertaining to data science, data visualization, and data journalism on a pitch-by-pitch basis
- Creates all accompanying graphics for written articles

Graduate Research Assistant, Dr. Aaron Martin, University of Virginia

09/2023 – 12/2024

- Created community-facing materials about data governance and digital risk, including data visualizations, infographics, presentation slides, and posters
- Edited a collaborative book project with ten contributing authors, focusing on stylistic consistency, clarity of content, high-level organization, and factual accuracy

Lede Program for Data Journalism Project Mentor, Columbia

University Graduate School of Journalism

06/2023 – 08/2023

- Provided feedback and guidance about weekly projects to students in small groups
- Advised on data journalism best practices, including data collection, analysis, contextualization, and accessibility

Data Reporter, Stacker

06/2021 – 07/2023

- Sourced datasets, pitched original headlines, and performed primary analysis for stories
- Co-managed both national and local content calendars, designed and launched new products, and aided in story distribution initiatives
- Developed a beat in public health, science, and technology reporting
- Daily activities included data cleaning, producing rankings, creating visualizations, and vetting headlines from across the team to provide constructive criticism that sharpens the focus of each piece