Laura South

720.525.9925 - south.l@husky.neu.edu – lsouth.github.io

Research Interests

Data visualization, human-computer interaction, accessibility, privacy, algorithmic fairness, machine learning, computer science education

Education

Ph.D. in Computer Science	Northeastern University	2023 (anticipated)
M.S. in Computer Science	Northeastern University	2020 (anticipated)
B.S. in Computer Science with Honors Thesis, *Cum Laude*	Colorado State University	2018

Fellowships

Graduate Research Fellowship (**NSF GRFP**), National Science Foundation, ~$132,000, 2019 – 2022.

Cornell, Maryland, Max-Planck Pre-Doctoral Research School Fellowship, Microsoft, ~$1,000, 2018.

Thomas J. Heidenfelder Scholarship, Colorado State University, ~10,000, 2017-2018.

Posters

South, L., Schwab, M., Krasnonosenkikh, D., Wang, L., Beauchamp, N., Borkin, M. DebateVis: A Framework for Visualizing Political Debates. *IEEE Transactions on Visualization and Computer Graphics* (2019).

Teaching

Teaching Assistant	Computer Organization	Colorado State University (Fall 2017)

Community

Chair, Association for Computing Machinery – Women (ACM-W) [Jan 2016–May 2018]
- Worked to improve gender diversity in CSU Computer Science department by organizing monthly professional development and community building events for women in tech, including internship panels, presentations from female engineers at leading companies, and group-coding nights

Event Coordinator, Undergraduate Women in Economics [Sept 2015–May 2017]
- Founding member of club devoted to improving female participation and retention in the CSU Economics department

Program Leader, Expanding Your Horizons North Colorado Conference [April 2017–April 2018]
- Created and led workshops introducing middle school girls in Northern Colorado to artificial intelligence and binary representations of letters as part of a wider community effort to combat gender disparities in STEM fields

Employment

August 2018–present	Research Assistant	Northeastern University
May 2016–June 2018	Technical Intern	Hewlett Packard Enterprise
May 2017–July 2017	NSF REU Intern	Rutgers University