

# Hunter Heidenreich

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## Education

<sup>†</sup> *Indicates expected*

2016–2021 <sup>†</sup> B.Sc., Computer Science, Drexel University  
Undergraduate Thesis: Look, Don't Tweet - A Social Transformer  
Supervisors: Jake Ryland Williams

## Appointments

2018– Undergraduate Researcher, CODED Lab, Drexel University  
2018– Undergraduate Researcher, HSpiral Project, Drexel University  
2018 Data Science Intern, SAP Conversational AI Team, Palo Alto, CA  
2017 STAR Undergraduate Researcher, The ExCITE Center, Drexel University  
2016 Software Engineering Intern, Geocent, Charleston, SC  
2015 Software Engineering Intern, Limber Logic LLC, Charleston, SC

## Course Assistant

2019 DSCI 511: Data Acquisition & Pre-Processing Drexel University  
2019 CS 660: Data Analysis at Scale Drexel University

## Mentorship

2020 Undergraduate Research and Enrichment Programs Ambassador Drexel University  
2017 Engineering Leadership Scholars Drexel University

## Selected Honours and Awards

- 2020 Goldwater Scholar
- 2019 Isaac L. Auerbach CCI Scholarship
- 2019 CCI High-Performance Computing Award
- 2018 M. Rosenberg Scholarship
- 2017 First Year Writing Program Winner
- 2017 Most Creative Hack @ Drexel Music Technology Hackathon
- 2016– Dean’s List
- 2016– A. J. Drexel Scholarship
- 2016 James Island Charter High School Valedictorian

## Publications

### Conferences

- [1] **Heidenreich, H.**, & Williams, J. (2019, November). Latent semantic network induction in the context of linked example senses. In Proceedings of the 5th Workshop on Noisy User-generated Text (W-NUT 2019) (pp. 170-180). Hong Kong SAR: [aclweb.org/anthology/D19-5523.pdf](https://aclweb.org/anthology/D19-5523.pdf)

### Posters

- [1] **Heidenreich, H.**, Williams, J., & Mujib, M. (2020). Investigating Coordinated ‘Social’ Targeting of High-Profile Twitter Accounts. Poster session presented at the 6th International Conference on Computational Social Science (IC<sup>2</sup>S<sup>2</sup>). Cambridge, MA USA (*virtual*).
- [2] **Heidenreich, H.**, & Williams, J. (2019). Latent semantic network induction in the context of linked example senses. Poster session presented at the 5th Workshop on Noisy User-Generated Text (W-NUT) at EMNLP, Hong Kong SAR.
- [3] **Heidenreich, H.**, Kim, Y., & Vallet, R. (2017). Simplified Learning for Image Generation. Poster session presented at the 2017 STAR Scholars Summer Showcase. Philadelphia, PA USA.

### Book chapters

- [1] **Heidenreich, H.** (2017). The Negative Effects on School Choice in Charleston County. In G. Rosen (Ed.), The 33rd Volume 10 (pp. 5–8). Philadelphia, PA USA: Drexel Publishing Group.

### Pre-prints

- [1] **Heidenreich, H. S.**, Mujib, M. I., & Williams, J. R. (2020). Investigating Coordinated ‘Social’ Targeting of High-Profile Twitter Accounts. arXiv preprint [arXiv:2008.02874](https://arxiv.org/abs/2008.02874).

- [2] Mujib, M. I., **Heidenreich, H. S.**, Murphy, C. J., Santia, G. C., Zelenkauskaitė, A., & Williams, J. R. (2020). NewsTweet: A Dataset of Social Media Embedding in Online Journalism. arXiv preprint [arXiv:2008.02870](https://arxiv.org/abs/2008.02870).

### **Professional Activities**

- Organizer, Multi-Arm Bandits Reading Group, 2020–.
- Member, Upsilon Pi Epsilon, 2020–.
- Member, [Drexel Computer Science Theory Reading Group](#), 2018–.
- Independent Contributor, [Towards Data Science](#), 2018–.
- President, Drexel Hackathon and Coding Club, 2017–2020.