

Jeffrey L Gleason

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🌐 <http://jlggleason.github.io>

🔗 <https://github.com/jlggleason>

Education

- 2021 – **Northeastern University**, Ph.D. Computer Science
- Advisor: Christo Wilson
 - Focus areas: algorithm auditing, algorithmic fairness
- 2014 – 2018 **Princeton University**, B.A. Computer Science
- Summa Cum Laude, GPA 3.81
 - Thesis: *Accuracy and Fairness: An Analysis of Risk Assessment Algorithms in the Criminal Justice System*
 - Thesis Advisor: Brian Kernighan

Publications

Workshop Papers

- Gleason, J. L.** (2020). Forecasting hierarchical time series with a regularized embedding space. In *Milets '20: 6th kdd workshop on mining and learning from time series*.
- Corcoran, C., DiResta, R., Morar, D., Dhamani, N., Sullivan, D., **Gleason, J. L.**, ... Ruppel, B. (2019). Disinformation: Detect to disrupt. In *Truth and trust online conference*.
- Dhamani, N., Azunre, P., **Gleason, J. L.**, Corcoran, C., Honke, G., Kramer, S., & Morgan, J. (2019). Using deep networks and transfer learning to address disinformation. In *Icml ai for social good workshop*.

Technical Reports

- Blanc, P., **Gleason, J.**, & Jones, R. (2021). *The costs of police violence: Measuring misconduct*. MEASURE. Austin, TX.

Professional Experience

- 2020 – 2021 **Kungfu.ai**, Machine Learning Engineer
- Implemented land cover classification, visual explanation, and time series forecasting methods for remote sensing and food security applications on DARPA D3M research program
 - Developed internal auditing framework, including Model Cards and Datasheets
- 2018 – 2020 **New Knowledge, Jr.** Machine Learning Engineer
- Implemented time series forecasting, natural language processing, and explainability methods on DARPA D3M (automated machine learning) and ASED (social engineering defense) research programs
 - Applied research to identify and characterize disinformation campaigns on social media
- 2017 - 2017 **Metabolic**, Data Analysis Intern
- Engineered MVP of green chemical formulation tool to assess toxicity and environmental impact of product ingredients and identify safer alternatives

Awards and Honors

- 2018 Sigma Xi Scientific Research Honor Society

Volunteer Experience

- 2020 – 2021

MEASURE, Volunteer

 - Contributed to report on the cost of misconduct within the Austin Police Department
- 2019 – 2021

Victory Tutoring, Mathematics Tutor

 - Tutored middle and high school students two nights per week at the Austin Public Library