

# Alyssa Smith

Third-year PhD student at Northeastern University

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🌐 asmithh.github.io

## EDUCATION

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**Northeastern University** Boston, Massachusetts, USA  
PhD, Network Science 2021 – present

- Advisors: Prof. Brooke Foucault Welles and Prof. David Lazer
- NSF GRFP Fellow starting Fall 2023

**MIT** Cambridge, Massachusetts, USA  
BS, 21E w/ CS and Comparative Media Studies 2013 – 2017

## EXPERIENCE

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**Boston University** Boston, MA, USA  
Visiting Researcher 2020-2021

- Collaborated on a publication requiring parsing and cleaning a large dataset in order to perform unsupervised topic modeling.

**KAYAK Technologies** Cambridge, MA, USA  
Data Scientist 2019 – 2021

- Worked creatively and iteratively to design new models that impact user experience on the KAYAK website, with a great deal of freedom in model choice, design process, and evaluation
- Collaborated with product managers and software engineers regularly to ensure that the project will be useful to stakeholders.
- Head of LGBTQ+ Employee Resource Group in mid-2020 - 2021

**Kensho Technologies** Cambridge, MA, USA  
Graph Data Engineer 2017 – 2019

- Built and maintained models; handled data ingestion, pipelining, and testing; and designed services.
- Worked with diverse and often unpredictable data sources, and therefore had to create extremely robust, adaptable pipelines.
- Also worked on improving diversity and inclusion in the workplace.

## SKILLS

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🔗 Python · R · Java  
PyTorch · Git · Linux  
numpy/pandas/sklearn/etc  
Elasticsearch · Apache Airflow  
HDFS/Apache Spark ·  
🗣️ English · native  
French · intermediate  
Japanese · beginner

## OTHER INTERESTS

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CRAFTING Knitting  
Sewing  
WEIGHTLIFTING Competitive  
Powerlifting

## AWARDS

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2023 **Graduate Fellow**  
NSF GRFP

