

## Samar Dikshit

Boston, MA 02135 | +1-929-217-0015 | [dikshit.s@northeastern.edu](mailto:dikshit.s@northeastern.edu)  
<https://samar14641.github.io/> | [github.com/samar14641](https://github.com/samar14641) | [linkedin.com/in/samar-dikshit/](https://linkedin.com/in/samar-dikshit/)

### EDUCATION

---

**Northeastern University**, Boston, MA

Khoury College of Computer Sciences

*Candidate for Master of Science in Data Science*

Related Courses: Algorithms, Data Management and Processing, Information Retrieval, Unsupervised Machine Learning

September 2019 – Present

Expected Graduation: December 2021

**Manipal Institute of Technology**, Manipal, India

Department of Information and Communication Technology

*Bachelor of Technology in Computer and Communication Engineering*

July 2015 – July 2019

### TECHNICAL KNOWLEDGE

---

Programming Languages:

Python 3, R, Java, C++, C#

Databases:

MySQL

Operating Systems:

Windows, Ubuntu

Certifications:

Introduction to Data Science in Python, Data-driven

Astronomy

### EXPERIENCE

---

**Northeastern University**, Boston, MA

Teaching Assistant – CS3000 Algorithms and Data

May 2020 – June 2020

- Responsible for grading and holding office hours for a class of more than 80 students

**Pepper Cloud**, Bangalore, India

Software Development Intern

January 2019 – July 2019

- Designed and built a chatbot for the CRM platform to automate non-trivial tasks and make the platform more user-friendly using Node.js and Dialogflow
- Worked on creating a tool for dynamic graphical visualisations of a client's CRM data

**iEnabler**, Bangalore, India

Software Development Intern

May 2018 – June 2018

- Developed a natural language processing system that automatically generates keywords, phrases, and tags from a client's project data on the iEnabler Product Discovery Platform

### ACADEMIC PROJECTS

---

**Information Retrieval and Evaluation Engine**

Northeastern University, Boston, MA

February 2020 – April 2020

- Created a web crawler to retrieve 40,000 documents related to a particular topic (World War II) based off a set of seed URLs
- Developed an evaluation engine that uses PageRank and HITS to rank query results and determine scores of websites as hubs and authorities

**Assessing the Similarities and Differences between News Sources in the United States**

Northeastern University, Boston, MA

October 2019 - November 2019

- Developed a set of filters to obtain relevant articles out of the 72,000 articles scraped from various news websites
- Worked on creating visualisations to illustrate how different organisations report various events using bigrams, word associations, and analysing the most used terms in headlines