

Samar Dikshit

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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 - Present

- 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