Yashi Chawla

7772863398 | yashichawla1@gmail.com | linkedin.com/yashi-chawla | github.com/yashichawla | yashichawla.github.io

EDUCATION

PES University Bangalore, India
B.Tech in Computer Science , CGPA - 8.61 *August 2019 – May 2023*
- 1x MRD Scholarship Awardee for being in the top 20% of the batch

Delhi Public School Indore, India
CBSE 12th Science - 95.6%, CBSE 10th - 10 CGPA *April 2014 – May 2019*

Choithram International School Indore, India
IB *June 2004 – May 2016*
Junior School House Prefect

PROJECTS

Word Problem Solver and Generator January 2022 – Present
- Researching ways to generate math word problems targeted towards middle school students
- Looking into Deep Learning and Natural Language Processing techniques

Coffee | *Java, DropBox API* February 2022 – April 2022
- A version control system that supports real-time collaboration for projects
- Supports functionalities such as adding and tracking changes across files and pulling changes from a cloud remote

Twitter Stream Analysis | *Python, Spark, Kafka, PostgreSQL. Grafana* March 2022 – April 2022
- A simple application to stream tweets and perform basic analysis based on hashtags
- Features a simple interface to visualize data from the Twitter APIs using Grafana

Yet Another Hadoop | *Python* November 2021 – December 2021
- Built a clone of the Hadoop Distributed File System supporting most DFS functionalities
- Features a CLI allowing execution of commands as well as MapReduce jobs

Breast Cancer Prediction | *Python* September 2021 – December 2021
- Modelled data from mammogram results to classify the tumour as malignant or benign
- Analysed relationships and patterns between the tumour types and expected characteristics
- Drew suitable insights and presented them in a paper

Question Answering System | *Python* March 2021 – April 2021
- A closed-domain question answering system built on the SQuAD 1.1 dataset
- Trained a Doc2Vec model trained on the contexts to answer questions from the dataset

SKILLS

Software Languages: Python, C, Java, R, MATLAB, SQL, JavaScript, HTML/CSS
Technical Skills: Machine Learning, Deep Learning, Natural Language Processing, Data Science, Data Structures
Developer Tools: Git, VS Code, MongoDB, PostgreSQL
Languages: English, Hindi, French

VOLUNTEERING EXPERIENCE

Volunteer PES University, Bangalore, India
The Amateur Scientist – Annual National Level Science Fest *2019*
- Volunteered for TAS 2019 by preparing questions for prelims and evaluating the finals in CodeWars
- Volunteered for TAS 2019 by helping create artwork for events as a part of the Creative Team.

Creative Team PES University, Bangalore, India
Aatmatrisha - Annual Techno- Cultural Fest *March 2020*
- Volunteer for AT 2020, by helping create artwork for events.

House Prefect Delhi Public School, Indore, India
Junior Student Council *June 2015 – March 2016*
Served my duties as a House Prefect by managing and assisting the school across the academic session