Sudeep Surendra Rawat

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OBJECTIVE

Seeking a role in the field of data science or software engineering where I can learn new skills and leverage my learnings.

EDUCATION

SUNY Binghamton **AUG 2021 – MAY 2023**
Master's in Computer Science (**GPA – 3.7**)

University of Mumbai **AUG 2016 – MAY 2020**
Bachelor of Engineering in Computer

Relevant Coursework: Data Warehousing and Mining, Natural Language Processing, Machine Learning, Database Management Systems, Artificial Intelligence, and Soft Computing.

SKILLS

Python (Django, MongoDB), Java, JavaScript (React, Nodejs), HTML, CSS, C/C++, SQL (MySQL), Tableau, Perl, PHP

PROFESSIONAL EXPERIENCE

Contexio, Mumbai **NOV 2020 – JAN 2021**
Research Analyst
- Analyzed best-in-class and competitive e-Commerce platforms to recommend solutions to improve sales.
- Compared User Experience and data across competitors for display and feature recommendations.

HIGHLIGHTED PROJECTS

Project – Twitter Trend Analysis **MAY 2020**
- Designed a GUI (Tkinter) to convert Twitter data from statements and sentiment into rows and columns using NumPy and Pandas.
- Implemented a feature to filter and sort tweets into automated clusters based on geo-location, time zones, etc.
- Analyzed the tweets to generate statistical insights (histogram, scatterplot, bar graphs) based on location and date.
- Implemented search feature to find a particular user and obtain general information.

Project – Image Classification on Edges **DEC 2021**
- Performed Standard Image classification with ResNet-18 on the CIFAR-10, CIFAR-100, SVHN, and Tiny ImageNet datasets and reported the classification accuracy.
- Generated and visualized the edges detected with Dynamic Feature Fusion for Semantic Edge Detection and Dense Extreme Inception Network on CIFAR-10, CIFAR-100, SVHN and Tiny ImageNet datasets using pre-trained models.
- Created "edge-enhanced images" by combining the edges detected with the original image.

Project – Social Media Data Scrapping and Visualization **DEC 2022**
- Designed scrappers with Python to collect data from social media websites like Twitter (sports context), Reddit (comments) and YouTube (comments) for about one month.
- Stored data in NOSQL database (Mongo DB) for generating insights.
- Performed negative sentiment or toxicity analysis using BERT model and generated visualizations using Matplotlib plots.

ACHIEVEMENTS

Extra-Curricular
District Level Chess Player, Final Year Project Published in IJSRCSEIT