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OBJECTIVE: Actively seeking a Spring 2023 internship that will allow me to utilize my data engineering, data science & statistical analytics skills to acquire experience and knowledge while contributing to the success of the company.

EDUCATION

Rochester Institute of Technology, M.S., Information Technology and Analytics

Rochester, New York

GPA: 4.0 / 4.0

Expected Graduation August 2023

Relevant Courses: Applied Statistics, Database Design and Implementation, Information Retrieval and Text Mining, Foundation of Data Science and Analytics, Non-Relational Data Management.

University of Mumbai, B.E., Computer Science

Mumbai, India

CGPI: 9.29 / 10.00

August 2017 - May 2021

Relevant Courses: Data Warehousing and Mining, Data Management System, Machine Learning.

TECHNICAL SKILLS

BI Tools : Power BI, Weka, Microsoft Excel, Salesforce Analytics, SSRS, SSAS, SSIS

Programming Languages : SQL, Python, R, Java, C++, C

Development Tools : SSMS, Visual Studio, Anaconda, XAMPP, Eclipse

Web Designing : HTML, CSS, JavaScript, PHP, XML

WORK EXPERIENCE

Associate Business Intelligence Database Developer Intern

Pittsford, New York

Canandaigua National Bank & Trust

September 2022 – Present

- Creating graphically intuitive reports to project trends and patterns in data using Power BI and SSRS Report Builder by scrutinizing stakeholder requirements and mapping them to appropriate data warehouse elements while maintaining project deadlines.
- Assisting with debugging, monitoring, and troubleshooting existing BI solutions by developing complex SQL scripts and stored procedures to perform data transformation and validation on users' sensitive financial information.
- Training in Salesforce CRM Analytics to build multi-dimensional reports and dashboards for the web and mobile portals in Analytics studio using standard and custom salesforce objects while ensuring data validation.

Graduate Teaching Assistant (Foundations of Data Science & Analytics)

Rochester, New York

Rochester Institute of Technology

August 2022 – Present

- Mentoring a core of 17 students in individual and group tutoring sessions by monitoring class discussions and solving doubts.
- Assisting professor by evaluating student essays, projects, labs, and other assessments.

PROJECTS

AI and Web-Based Interactive College Enquiry Chatbot

Directed a team of four to design and build a web-based chatbot that applies Natural Language Processing and Machine Learning on self-generated data to have human-like conversations with enquirers using Python's neural-networking libraries and HTML while following the software development lifecycle.

Corona Virus Cases Analysis using Power BI

Designed multiple dashboards with DAX measures to analyze trends in Covid-19 cases in various countries using Power BI Desktop.

Resume Retrieval and Classification using Text mining

Implemented a scalable retrieval system for unstructured raw resume data that is extracted, transformed into a required format, and loaded to the system using an inverted index matrix and programming a classifier to match resume holders to appropriate job profiles using a vector space model to an accuracy of 90%.

Face Mask Detection to Contain Spread of Covid-19

Designed and trained a classifier to identify if a face is masked by applying ETL to raw facial data points and analyzing it using OpenCV, Viola-Jones, and CNN algorithm as a team of three.

CERTIFICATIONS

Power BI: Dashboards for Beginners

LinkedIn Learning, Jan 2022

Skills earned: Beginner Data Transformation & Load, DAX Measures, Reports & Dashboards design & development

Managing and Analyzing Data in Excel

LinkedIn Learning, Jan 2022

Skills earned: Data Prep, Formulas, Advanced Filters, Custom Sorts

CRM Analytics Dashboard Building Basics

Trailhead by Salesforce, September 2022

Skills earned: Building dashboards in CRM Analytics

PUBLICATION

R. Parkar, Y. Payare, K. Mithari, J. Nambiar and J. Gupta, "AI And Web-Based Interactive College Enquiry Chatbot," 2021 13th International Conference on Electronics, Computers and Artificial Intelligence, 2021, pp. 1-5, DOI: 10.1109/ECAI52376.2021.9515065.