

TANZIM ZAMAN SANY



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MOTIVATION

I am looking for an opportunity in a reputable organization to utilize my technical, database, and management skills for the growth of that organization as well as to enhance my knowledge about new and emerging trends in the IT and Business sector.

EXPERIENCE

December 2023 - PRESENT

ACOTE GROUP

Associate Analyst

- Analyze & Understand Dataset
- Data Processing
- Annotate Image data
- QA & rework
- Project timeline and workload estimation
- Assist the team lead in conducting training sessions & team management

June 2023 - September 2023

CODEMEN SOLUTIONS LTD.

SQA Intern

- Manually test in-house developed (SaaS) products
- Train & Test AI chatbot SAIL
- Issue/Bug reporting
- Test case & user manual documentation

PROJECTS

Sentiment Analysis on user reviews using ML techniques

- Programming language: R, Python, Bash Command
- Tools: R Studio, Visual Studio Code, Git & GitHub
- R Libraries: rvest, dplyr
- Python Libraries: os, re, openpyxl, pandas, nltk, scikit-learn, json, joblib, numpy, matplotlib, seaborn
- Methods: 1. Data Collection: Web Scraping (Parsing)
2. Data Processing: Text cleaning, Tokenization, Stop Words Removal, Lemmatization
3. Vectorization: TF-IDF Vectorizer
4. Training & Evaluating model: Logistic Regression
5. Generating Results
6. Reevaluate model on unknown datasets
7. Maintenance

Data Scraping Application

- Programming language: Python
- Tools: VS Code, Git Bash & GitHub
- Libraries: os, requests, BeautifulSoup, urljoin, flask, render_template
- Methods: 1. Building web scraping logics
2. Handling scraping restrictions
3. Build the application interface
4. Test, Deploy & Maintenance of the application

EDUCATION

2019 - 2023 | AIUB

Bachelor of Science in Computer Science & Engineering

- CGPA - 3.63 out of 4.00
- Specialized Courses - Data Mining, Introduction to Data Science, Machine Learning, MIS, Network Security

HSC - 2018

Dhaka Imperial College

- GPA - 4.00 out of 5.00 (Science)

SSC - 2016

Barishal Zilla School

- GPA - 4.89 out of 5.00 (Science)

SKILLS

- Data Collection (Web Scraping)
- Data Processing
- Data Visualization
- Model Building & Fine Tuning
- Prompt Engineering
- Image Annotation
- Software Manual Testing
- Malware Analysis

TOOLS

- GitHub
- Tableau
- Power BI
- Jira
- Clockify
- Qase
- Security Onion

Sentiment Analysis on user reviews using BING Lexicon

- Programming language: R, Bash Command
- Tools: R Studio Git & GitHub
- R Libraries: rvest, dplyr, openxlsx, readxl, stringr, tm, tidyverse, tidytext, ggplot2
- Methods: 1. Data Collection: Web Scraping (Parsing)
 2. Data Processing: Missing value finding & omitting, Transforming data to corpus, Lowercase transformation, Punctuation, Numbers, Special Characters removal, Stop Words Removal, Stemming, White space removal, Trimming, Tokenization
- 3. Sentiment analysis using Bing lexicon
- 4. Result Summarization
- 5. Visualization

Tableau Projects

- Dashboard development with insights
- Converting string value into numerical value

Power BI Projects

- Requirements gathering
- Calculating KPIs and finding trends
- Generate systematic calculations using DAX query
- Interactive dashboard development with insights

DataNormClassKNN (R)

- Wheat Variety Classification Dataset
- Min-Max Normalization
- Splited Train/Test Dataset (80/20)
- Applied KNN Algorithm for K's values
- Both Values returned an accuracy 1
- Generated Confusion Matrix

CERTIFICATION

- Cisco CyberOps Associate 
- Plan a Moon mission by using Python pandas by MS Learn 

REFERENCE

Tohedul Islam

Assistant Professor, AIUB

Email: islamtohedul@aiub.edu

Md. Bashir Khan

SQA Engineer (Team Lead), Codemen Solutions Ltd.

Email: codemen.bashirkhan@gmail.com

LANGUAGES

- Python
- R
- SQL
- Java
- C#

SOFT SKILLS

- Adaptability
- Emotional Intelligence
- Communication
- Influence
- Critical Thinking
- Continuous Learning
- Team Work
- Time Management

ECA

- Barishal Cyclists (Founder)
- AIUB Social Welfare Club - Shomoy (General Member)
- AIUB Computer Club (Post Production Team)
- AIUB Performing Arts Club (Performer)
- Engineering Students Association of Bangladesh (Central Committee member)
- Lifetime Blood Donor at Quantum Lab