Maria Gomes

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PROJECT MANAGEMENT & DATA ANALYSIS

Motivated Computer Science graduate seeking a data-driven position as a Data Analyst or Project Manager. Currently pursuing a strong foundation in machine learning, data visualization, and predictive analytics, with a proven ability to drive efficiency, deliver successful outcomes and collaborate within cross-functional teams across diverse backgrounds.

KEY COMPETENCIES

Java, Python, JavaScript, Git
Node, Express, Django,
MongoDB, MySQL
React, CSS, HTML, Bootstrap

Pandas, Numpy, SciKit Learn
Monday App Management

Report writing and presenting
Critical thinking skills
Excellent communication skills

PROFESSIONAL EXPERIENCE

Raju Law Immigration Consultancy   **Feb 2024 - Present**
Assistant Case Manager

- Reviewing client documentation and National Interest Waiver (NIW) petitions for the United States' Employment-Based Immigration: Second Preference (EB-2) visa
- Providing seamless communication between clients and attorneys
- Created departmental dashboard from scratch on the Monday app for project and case management

Raju Law   **Nov 2023 - Feb 2024**
Technical Writing Intern

- Drafted supporting documents for NIW petitions
- Drafted reports and economic impact analyses for individual cases
- Conducted background research on a client-by-client basis for petitions

Nagad   **July 2023 - Oct 2023**
Project Management Intern
- Updating streams for large-scale projects at one of the largest digital financial service companies in Bangladesh
- Tracking action items and preparing reports
- Tracking daily stand ups and ensuring synchronization between various teams in the Technology division

Student Tutor (Part-time)   **Oct 2021 - Jan 2022**
BRAC University
- Managed 10 project teams in a class of 50 students for a software engineering course
- Simulated software engineering environments focused on AGILE programming through stand ups and sprints for each team.
- Graded and reviewed student projects and sprint performance.

Teaching Assistant (Part-time)   **Oct 2018 - July 2023**
Think Tank Coaching Centre
- Assisted course instructor in managing O and A levels Chemistry students
- Provided lectures, prepared original reading and testing material
- Checked submitted material including mock exam papers, worksheets, and projects

EDUCATION

Bachelor of Science　　**Jan 2019 - Nov 2022**
Major: Computer Science
BRAC University

A Levels　　**June 2016 - June 2018**
Pearson Edexcel

O Levels　　**June 2014 - June 2016**
Pearson Edexcel

EXTRACURRICULAR ACTIVITIES

Senior Executive (Former), MONON
BRAC University

Member (Former), Art and Photography Society
BRAC University

PROJECTS/PUBLICATIONS

Multimodal Emotion Recognition Using Heterogeneous Ensemble Techniques

This final year thesis project in university focused on analyzing heterogenous ensemble techniques for emotion recognition using both text and audio features from conversations. The effects of each ensemble method on the accuracy for the multimodal classification task were also investigated. The results of this study show that the usage of ensemble learning to combine modalities greatly improves classification, with stacking being the best-performing ensemble technique for the selected collection of models.
DOI: 10.1109/ICCIT57492.2022.10054720

Manta

A task management web app that allows users to assign tasks and deadlines for different projects as well as keep track of important events and maintain their own diary. This project follows MVT Architecture with Python 3, Django and SQLite for the backend. The front end consists of basic HTML and CSS, as well as Bootstrap 4.

Papyrus

A book tracking web app designed to organize books using custom book collections and to update reading progress. Users can also search for books via the OpenLibrary API. This project was done using the full MERN stack, along with some CSS and Bootstrap

This project is still in progress. Features that will be implemented soon include reading challenges, a recommendation system and a notification system.

Hermes

Hermes is an API that generates and provides company phone numbers as well as manages plans for different clients. Users can subscribe to three different tiers of plans with their own benefits and are billed monthly.

This project was done using Python and the Django REST framework and is still in progress.