Ammar Siddiqui

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EDUCATION

FAST NATIONAL UNIVERSITY
BS in Computer Science
(Present 7th semester)
Grad. June 2024 (Expected)
Cum. GPA: 3.78 / 4.0

ADAMJEE SCIENCE COLLEGE
Grad. August 2020| Karachi, Pakistan

SKILLS

PROGRAMMING
Languages:
C • C++ • C# • Javascript • Python
Frameworks:
.NET • React • NodeJS • ExpressJS
Productivity:
Git • Linux • Bash(Shell Scripting)
• Markdown • LaTeX
Databases:
MySQL • MongoDB

SOFT SKILLS:
Unflappable • Conscientious • Receptive

CERTIFICATIONS

DEAN'S LIST OF HONORS
• Fall 2020 • Spring 2021 • Fall 2021
• Spring 2022 • Fall 2022 • Spring 2023

COURSEWORK

UNDERGRADUATE
Programming Fundamentals
(Teaching Asst)
Object Oriented Programming
Operating Systems
(Teaching Asst)
Data Structures and Algorithms
Computer Networks
Information Retrieval
Artificial Intelligence
Database Systems
Parallel and Distributed Computing
Software Engineering

OBJECTIVE

As a passionate Computer Science student, seeking an opportunity as a Software Engineering (MERN) intern where I can apply my technical skills, expand my knowledge and contribute to innovative projects. I possess sound knowledge about Databases (Relational and Non-Relational, REST API, and Agile Development Methodologies. I aim to gain practical experience and collaborate with a talented team. I am eager to contribute my dedication to the organization's success and polish my skills.

PROJECTS

Name of projects are links to the github

BOOKARO | Software Engineering (MERN Stack)
Feb 2023 - May 2023
- BooKaro is a ticket booking application built on a **client-server architecture** that allows customers to signup and buy available tickets
- Used **React** for the front end and **ExpressJS**, and **NodeJS** for the backend. Used Mongoose for modeling objects into the **MongoDB** database
- Email authorization, payment gateways, and QR codes were incorporated into the project

SARCASM DETECTION IN NEWS HEADLINES | Information Retrieval (Python (Jupyter Notebook))
Feb 2023 - May 2023
- To detect sarcasm in headlines using syntax and semantic meanings
- To find out accurate and relevant features from the document to classify whether it is sarcastic or not
- Trained the model using Support Vector Machine Classifier as the data was annotated
- Calculated accuracy, precision, recall, and F-score of each baseline

BLOOD DONATION MANAGEMENT SYSTEM | Database Systems (C# , .net 7.0)
Aug 2022 - Dec 2022
- An application built using MVC architecture that supports 3 end users (Donor, Organization, Employee).
- Used SQL server as the database
- Booking appointment, registering customer/organization and CRUD operations for the organization were present

SORTING ALGORITHM VISUALIZER | Design of Algorithms (HTML,CSS, JavaScript)
Aug 2022 – Dec 2022
- Visualize 10 different Sorting Algorithms and their respective complexities.
- Scalable application that worked for input size of around 1 million
- **Deployed** on Github pages here

AIRLINE MANAGEMENT SYSTEM | Data Structures (C++)
Sep 2021 – Jan 2022
- Used AVL and Linked List Data structures to handle data of around 3.1 GB.
- Used AVL to find respective airport and corresponding flight from the sorted linked list attached