SARMAD SHAUKAT

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EDUCATION

FAST National University of Computer and Emerging Sciences   **August 2020 - June 2024**

Bachelor of Science in Computer Science   *Peshawar ,Pakistan*

COURSEWORK

- Data Structures & Algorithms
- Operating Systems
- Network Security
- Database Management System (DBMS)
- Artificial Intelligence
- OOPS Concept
- Web Development
- Cloud Computing

PROJECTS

Blog App ⧉ |

- It is a full-stack web application built using the MERN (MongoDB, Express, React, Node.js) stack. This application allows users to create, edit, delete, and view blog posts.

Detecting and Mitigating Gender Bias In Pretrained NLP Models [FYP] ⧉ |

- This project focuses on detecting and mitigating gender biases present in pretrained natural language processing (NLP) models.
- NLP models trained on large text corpora may unintentionally learn and reinforce gender biases inherent in the data.
- The project aims to develop methodologies to identify these biases and implement strategies to reduce their influence on model predictions.

FAST University Chatbot ⧉ |

- Developed a fast university chatbot utilizing advanced AI models and databases.
- Implemented the Google PALM model for robust natural language understanding and generation.
- Integrated a vector database for efficient storage and retrieval of user information and context.
- Utilized Streamlit for building a user-friendly frontend interface, ensuring seamless interaction.

TECHNICAL SKILLS

Languages: Python, Java, C, C++, JavaScript, SQL, NoSQL,
Developer Tools: VS Code, Android Studio
Technologies/Frameworks: Linux, GitHub, ReactJS, Redux, NodeJS, ExpressJS, Git, Mongo