Rabiya Salehjee

Nationality: Pakistan

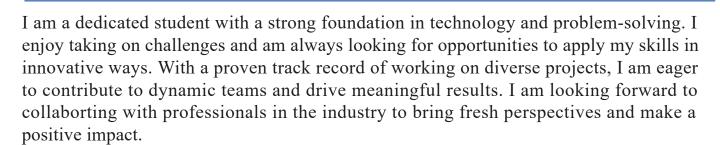Date of Birth: 1999-03

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About Me

I am a dedicated student with a strong foundation in technology and problem-solving. I enjoy taking on challenges and am always looking for opportunities to apply my skills in innovative ways. With a proven track record of working on diverse projects, I am eager to contribute to dynamic teams and drive meaningful results. I am looking forward to collaborting with professionals in the industry to bring fresh perspectives and make a positive impact.

Educational Background

MS in Computer Science (GPA: 90.6/100.00)	Harbin Institute of Technology	2022.09 - Current
BS in Software Engineering (CGPA: 3.84/4.00)	Jinnah University for Women	2018.01 - 2021.12

Skills

- Programming Languages: Python, Java, C, PHP, JavaScript, HTML/CSS
- Database Management: MySQL, MongoDB, PostgreSQL
- Data Analysis & Machine Learning: TensorFlow, scikit-learn, Large Language Models
- Development Tools: Git, Android Studio, WordPress
- Project Management: Jira, Slack, Agile/Scrum
- UI/UX Design: Adobe Illustrator, Adobe XD, Figma
- Cloud Computing: AWS, Azure
- Software Testing: Selenium, familiar with automated testing
- OS & Tools: Linux, MATLAB

Work Experience

- Student Research Assistant （2023.06-2024.04）
  - Client: Professor Dr Salahuddin at Jinnah University for Women
  - Country: Pakistan
    - Assisted the professor with research paper tasks, including setting up website, developing models using Python, conducting experiments, comparing results, and cross-checking data. Used HTML, JS to optimize web functionality, and employed Selenium for automated testing. Used LaTeX for document formatting ensuring accurate data presentation.

- Freelancing (2022.04-2022.08)
  - City: Karachi
  - Country：Pakistan
    - Prototype design using Adobe XD, Figma
    - Write front-end code elements using HTML/CSS, JS and PHP
    - Conduct website testing using Selenium

Project

HALO: A Human-and-LLM-in-the-Loop Data Cleaning System (MS Thesis)

Github : https://github.com/rabiyasalehjee/Graduation-Project

- Developed a system using Python and TensorFlow to automate data cleaning with human feedback.
- Implemented LLM-based prompts to generate context-relevant questions, optimizing data correction and enhancing user engagement.
- Used NLP to extract entities and build KG for accurate and efficient question answering with RAG model.。
- Designed a system to convert NL queries to SQL commands for intuitive database interaction and better accessibility for non-tech users.

Fluencio: Public Speaking Enhancement App (BS Project)

Github : https://github.com/rabiyasalehjee/Fluencio-App

- Built a mobile app with Java and Android Studio for real-time speech analysis.
- Integrated MySQL for backend storage and speech recognition Python API to assess pace, pitch, and filler words.

Languages

- English (Fluent)
- Chinese (Basic)
- Urdu/Hindi(Native)

Competitions/Awards

- Chinese Government Scholarship
  Fully-Funded Master's Degree   [2022.09-Current]
- Merit-Based Full Semester Scholarship
  Bachelor's Degree 3rd Year   [2020.04]
- Best BS Project Award
  Presented by: Pakistan Center for IoT   [2022.02]
- Women in Computing - Java Q&A Winner
  Presented by: Jinnah University for Women   [2019.06]