Umer Siddiqui

A 223, Street 10, Block N, North Nazimabad, Karachi, Pakistan

📞 +92-331-2277796 ✉ umersiddiqui160@gmail.com 🔗 linkedin.com/in/umer-siddiqui12 🐙 github.com/Umersiddiqui726

Education

National University of Computer and Emerging Sciences (Fast) — **August 2021 – ongoing**
Bachelor of Science in Computer Science — *Karachi, Pakistan*

Relevant Coursework

- Data Structures
- Software Engineering
- Algorithms Analysis
- Object Oriented Programming
- Database Management
- Artificial Intelligence
- Programming Fundamentals
- Software Project Management
- Operating Systems

Summary

- As an upcoming Computer Science graduate, I am eager to leverage my academic background and hands-on projects to contribute to innovative software solutions. Specializing in developing robust, scalable applications, I have honed my skills in various programming languages and frameworks through coursework and independent projects. My passion for technology and problem-solving drives my pursuit of excellence in software development. I look forward to joining a dynamic team to further develop my skills and contribute to meaningful advancements in technology.

Projects

Potato Disease Classification | *Project Leader* — **May 2024**
- The Potato Disease Classification project aims to create an AI-based system using a Keras model to accurately identify and classify potato crop diseases using python language. Leveraging advanced image processing, this tool enhances crop productivity and sustainability. The system promises high accuracy surpassing limitations of existing methods.
- This system predicts potato diseases with over 95 percent confidence, helping farmers identify root causes for better production.

Alpha Mobiles (Online Mobile Selling Store) | *Project Leader* — **May 2024**
- Developed an advanced online mobile phone store, catering to both customers and store owners. The platform allows owners to list mobile phones, update pricing, and create categories, while customers can easily search by categories and apply filters to find and purchase desired products. The system employs object-oriented programming concepts and functional programming methods to ensure optimized operations. The application is built using PHP, NodeJs for backend development, along with CSS and HTML for the frontend design.

Wow Food (Online Food Store) | *Project Leader* — **December 2023**
- Developed a comprehensive online food store web application, enabling users to search for and purchase food items. The system is built using PHP for server-side scripting, CSS and HTML for front-end design, and MySQL for database management. The application features a fully integrated relational database system to manage user accounts, product inventory, and order processing efficiently.

Technical Skills

Languages: Python, C, C++, HTML5, CSS3, Javascript, SQL, NodeJs
Developer Tools: VS Code, Eclipse, Google Colab, Jupyter
Technologies/Frameworks: Linux, Pandas, Numpy, Matplotlib, TensorFlow, Scikit-learn, Tkinter, MySql.Jenkins.

CERTIFICATIONS

- Introduction to Artificial Intelligence by IBM. (Coursera)
- What Is Data Science by IBM. (Coursera)
- Supervised Machine Learning Regression and Classification by DeepLearning.AI. (Coursera)