Maryam Imran

Islamabad, Pakistan | P: +92 3475344477 | maryamimran2000@outlook.com
LinkedIn: https://www.linkedin.com/in/maryam-imran-5ab6bbb8 | GitHub: https://github.com/MaryImr

EDUCATION

MIDDLE EAST TECHNICAL UNIVERSITY   Northern Cyprus - July 2023
Bachelor of Science - Major in Computer Engineering; Minors in General Management - CGPA: 3.40/4.0; Honors

WORK EXPERIENCE

MIDDLE EAST TECHNICAL UNIVERSITY - Student Assistant   Northern Cyprus - Oct 2021 – Jun 2023
- Assisted Students with coursework to improve the learning experience and answer queries.
- Aided Professors with grading HWs and assignments.
- Performed data entry and database management to record information and protect data from unauthorized access accurately.
- Prepared clear and exciting presentations and reports to promote student understanding and retention.
- Mentored and tutored individual students needing additional help.
- Shared important information with students concerning upcoming assignments and tests.

AIRELOGICS - Flutter Intern   Ontario, Canada (Remote) - Jul 2022 – Sep 2022
- Redesigned the ER diagram of a charity application project, resulting in a more straightforward structure, creating room for additional features and performance increase.
- Designed and implemented the application's delivery module, significantly improving the application's outreach because of increased access to a larger area and more people.
- Discussed issues with team members to provide resolution and apply best practices.
- Translated customer requirements into written use cases.

SILENTSOL - Android Intern   Islamabad, Pakistan - Jul 2021 – Oct 2021
- Improved US-based Telehealth app's emergency response by implementing live patient-EMT connection through Google Maps API.
- Simplified the patient-end interface, resulting in increased popularity because of a smaller learning curve.
- Reinstated ride-sharing application's operations by updating the used libraries and frameworks.
- Resolved system test and validation problems to provide normal program functioning.
- Participated in design and planning exercises for future software rollouts.

PROJECTS

MACHINE LEARNING-BASED PRECANCEROUS CELL DETECTION ALGORITHM
- Research-Based Graduation Project - Algorithms achieved 95% test accuracy
- Python Programming, Supervised Classification Models

MACHINE LEARNING MODEL FOR FIRE-DETECTION UAV
- We designed an ML model using transfer learning to adapt to detecting forest fires autonomously

SENSOR MANAGEMENT PROGRAM - HARDWARE PROGRAMMING
- Built a system to manage data collection through sensors
- ATmega128 programming

ANDROID APPS
- Focused on exploring SDKs, API Integration, UI/UX Design, Frontend & Backend Integration

ADDITIONAL

Technical Skills: C++, Kotlin, Verilog, System Verilog, SQL, Javascript, HTML, CSS, Java, Haskell, Requirements gathering and analysis, Debugging and Troubleshooting
Languages: Fluent in Urdu, English; Beginner in Turkish, French
Awards: Honor/High-honor roll in 7/8 semesters in undergraduate