MD FARDIN JAMAN ARANYAK

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Objective

To achieve a dynamic and challenging job where I can use my technical skills, creativity, and learning experience to develop my career and contribute to the organization's welfare.

Education

AHSANULLAH UNIVERSITY OF SCIENCE & TECHNOLOGY,DHAKA **2019-2024**
Bachelor's Degree in Computer Science & Engineering *2.99/4 CGPA*

Projects

Helping Hand **Source Code**
- project titled "Helping Hand" is a Help/Service sharing app. This project is developed in Android Studio 2022.1.1 and the Online database Firebase. This app mainly focuses on basic functions of requesting help or service from any place.(Kotlin, Firebase)

Railway-E-Ticketing **Source Code**
- Railway E-Ticketing is a service from which passengers can easily process their train ticket reservation & the administration of train service can easily control their time schedule and update the current train list. (ASP.NET MVC)

UART Programming **Source Code**
- Established data communication between two Arduinos using the AVR microcontroller's registers UDR0, UCSR0A, UCSR0B, and UBRR0, which are utilized for serial communication on the Arduino platform(C/C++)

A Comparative Analysis for Trash Classification **Source Code**
- Utilizing deep learning models like EfficientNetB0, VGG16, VGG19, and DenseNet121, this study pioneers a shift towards automated waste classification. EfficientNetB0 emerges as the frontrunner, boasting an impressive 81% accuracy on TrashNet dataset. These findings underscore the transformative potential of deep learning in enhancing waste management practices for a more sustainable future.(Deep Learning)

Technical Skills

Languages: C#, C/C++, Python, Kotlin, Java, JavaScript.
FrameWorks: ASP.NET MVC, Java-Swing.
Frontend: HTML, CSS, Bootstrap, Razor Pages.
Databases: MS SQL Server, MySQL, Firebase.
Developer Tools: visual studio, VS Code, Android Studio, GitHub.
Soft Skills: Time Management, Teamwork, Problem Solving.
Other Skills: Latex, Arduino Uno.

Profiles

Solved 250+ problems in various online judges.

- TOPH Online Judge: faronnok093
- Codeforces: faronnok093
- Codechef: faronnok093
- UVA Online Judge: faronnok093
- Atcoder: faronnok093
- StopStalk: faronnok093

Algorithmic Competitions/Achievements

- [8th] AUST CSE Carnival 1.0: IAPC, Spring 2022, Team: AUST SomethingElse.   Standings
- [17th] CodeCombat 1.0: IAPC, Fall 2022, Team: AUST SomethingElse   Standings
- [28th] CodeClash21: IAPC, Fall 2021, Team: AUST Noobs   Standings