

SHAMIM RAHIM REFAT



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SUMMARY

Aspiring enthusiast in Machine Learning and Artificial Intelligence, focusing in computer vision. Currently expanding my skills in mobile app development utilizing Flutter and Dart. Enthusiastic about contributing to dynamic teams and continuously advancing my skills and knowledge through hands-on experience and learning.

RESEARCH INTERESTS

Computer Vision, Machine Learning, Deep Learning

TECHNICAL SKILLS

- **Programming Languages**
C++, Java, Python, Dart
- **Deep Learning Tools**
Tensorflow, Keras, scikit-learn
- **Developer Tools**
Visual Studio Code, Codeblocks, NetBeans, Anaconda, Google Colab, Git Bash, Overleaf (Online LaTeX Editor)
- **Databases**
Microsoft SQL Server, MySQL

EDUCATION

Ahsanullah University of Science and Technology

BSc. in Computer Science and Engineering(CSE)

2020 - Present

CGPA: 3.145 (Till 4.1)

Notre Dame College

Higher Secondary School Certificate

2017 - 2019

GPA: 5.00

Ideal School and College

Secondary School Certificate

2007 - 2017

GPA: 5.00

REFERENCES

- **Dr. Mohammad Shafiul Alam**
Professor
Department of Computer Science and Engineering
Ahsanullah University of Science and Technology
Tejgaon, Dhaka
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RESEARCH PUBLICATIONS

Accepted for Publication

- "Advanced CNN and Explainable AI Based Architecture for Interpretable Brain MRI Analysis" - ICCA 2024
- "An Approach Towards Identifying Bangladeshi Leaf Diseases through Transfer Learning and XAI" - ICCIT 2024
- "An Exploratory Approach Towards Investigating and Explaining Vision Transformer and Transfer Learning for Brain Disease Detection" - ICCIT 2024.
- "Comprehensive Lung Disease Detection Using Deep Learning Models and Hybrid Chest X-ray Data with Explainable AI" - ICCIT 2024.

PROJECTS

- **JobBoy BD (Web Application Development)**
Developed an ASP.NET MVC-based "Online Job Portal" enabling job postings, resume reviews, and communication between job seekers and recruiters using C#, HTML, CSS, JavaScript, PHP, SQL Server 2014 and Visual Studio 2013.
- **AquaSense (Hardware Development)**
Developed an "Automated Water Pump and Quality Monitoring System" for efficient water management using Arduino UNO and Arduino IDE.
- **Dental Care (Web Development)**
Created a "Dental Appointment System" for managing appointments using PHP, CSS, JavaScript, and Visual Studio Code.
- **Hyacinth (Software Development)**
Developed a "Pharmacy Management System" using Java Swing to streamline operations and manage inventory, utilizing Java, MySQL, XAMPP, and NetBeans.
- **Death Stalker (Game Development)**
Developed a 2D Metroidvania game using C Programming Language, iGraphics, and Microsoft Visual Studio 2013.