

ADIBA AMIN

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Objective

Highly motivated, results-driven, and tech-savvy Computer Science graduate seeking an entry-level role as a Software Developer, MTO (Management Trainee Officer), or in related technology-driven positions within an innovative IT company or reputable banks. Eager to leverage strong programming skills, collaborative project experience, and a passion for emerging technologies to deliver scalable solutions, contribute to cross-functional teams, and drive impactful software products.

Education

B.Sc. in CSE

Ahsanullah University of Science and Technology (AUST), Dhaka

CGPA: 3.68/4.00 (as of 8th semester; awaiting thesis result) 2021–2025

HSC, Scholars School and College, Dhaka

GPA: 5.00/5.00 2020

SSC, Scholars School and College, Dhaka

GPA: 5.00/5.00 2018

Technical Skills

Programming Languages: Java, Python, C/C++

Web Development: HTML5, CSS3, JavaScript, Bootstrap

Frameworks & Libraries: Java Swing, TensorFlow, NLP libraries

Databases: Apache Derby, MySQL

Machine Learning & Data Science: Linear Regression, LSTM, Hidden Markov Models, Decision Tree, Random Forest, Naive Bayes, Gradient Boosting, KNN, SVM, Neural Networks

Soft Skills: Public Speaking, Debating, Team Collaboration

Language

English

Bangla (Native)

Co-Curricular Activities

Head of Logistics at AUST Programming and Informatics Club

Achievements

Presented on Artificial Intelligence (AI) and its applications in the field of medical sciences at the 52nd Annual National Conference of the Ophthalmological Society of Bangladesh, held at BCFCC.

View certificate: github.com/AdibaAmin/Certificates

Projects

Online Travel Agency Portal

Developed a responsive website using Bootstrap, CSS, and JavaScript for tour booking; added client-side validation and dynamic content loading.

github.com/berserk377/Online-Travel-Agency-project

An-Asteroid-Field

Built a 3D asteroid field simulator with Three.js and WebGL; used custom GLSL shaders and added keyboard-controlled spaceship.

github.com/AdibaAmin/An-Asteroid-Field

Bangla Sentiment Analysis

Implemented CNN-based NLP pipeline in Python for classifying Bangla text; included preprocessing, embeddings, and tuning.

github.com/AdibaAmin/Softcom-project-1

Postpartum Depression Analysis

Analyzed risk factors using ML models (DT, RF, NB, SVM, NN) and visualized patterns using Python tools.

github.com/RafiuAlam/Postpartum-Depression

Genome Sequence Analysis (Ongoing)

Working on genomic sequence processing and classification; responsible for data cleaning, modeling, and evaluation.

More projects: github.com/AdibaAmin

Availability

For Part-time and Full-time Opportunity