

Md. Shahat Akash

Chattogram, Bangladesh | +8801835686356 | shahat.akash@gmail.com

Summary

Enthusiastic undergraduate in Computer Science and Engineering with hands-on experience in Python, SQL, and machine learning techniques. Passionate about applying statistical modeling and AI research to real-world challenges, with a solid foundation in artificial intelligence and data analysis. Demonstrated problem-solving skills through academic projects in computer vision, image processing, and AI applications. Eager to contribute to innovative data science projects and enhance AI Assistant performance at Adobe.

Education

Chittagong Independent University

Mar 2022 - Present

Bachelor of Science, Computer Science and Engineering (GPA: 3.43/4.0)

- **Coursework:** Data Structures, Object Oriented Programming, Algorithm Design and Analysis, Database Management System, Numerical Methods for Engineering, Web Programming, Compiler Design, Software Engineering, Operating System, Robotics, Artificial Intelligence

Chittagong Engineering University School and College, Bangladesh

2019

Higher Secondary Certificate (GPA: 4.75/5.00)

Raozan R.R.A.C Model High School, Bangladesh

2017

Secondary School Certificate (GPA: 5.00/5.00)

Projects

End-to-end Mental Health and Wellbeing Chatbot

- Developed a conversational AI chatbot powered by Retrieval-Augmented Generation (RAG) that engages users in discussions related to mental health and wellbeing. The chatbot offers helpful information, emotional support, and serves as a virtual mental health consultant. Additionally, it can assist mental health professionals in providing relevant data and insights.
- Tools Used: Langchain, Python, Pinecone vector database, MySQL

EV Model Popularity & Trend Analysis Dashboard

- Build an interactive EV adoption analytics dashboard built with Streamlit and Plotly-featuring Year-over-Year growth, forecasting, and geospatial mapping.

Skills

- **Programming Languages:** C/C++, Python, JavaScript, HTML, CSS, SQL
- **Libraries & Frameworks:** Numpy, Pandas, Matplotlib, Scikit-learn, Seaborn
- **Deep Learning Frameworks:** TensorFlow, Keras, Pytorch
- **Software:** MATLAB (Basic), Anaconda, Visual Studio Code
- **Typography:** LaTeX, MS Word, MS PowerPoint
- **Data Science:** Machine Learning, Data Mining, Statistical Modeling

Certification

- **Aspire Leadership Program:** Aspire Institute, Harvard University (2024)
- **21st Century Employability Skill Program - Foundation:** Wadhwani Foundation (2023)

Extracurricular Activities

IEEE CIU Student Branch | *Vice Chair*

May 2025 - Present

IEEE CIU Student Branch | *Treasurer*

Mar 2024 - Dec 2024

CIU Robotics Club | *Asst. General Secretary*

May 2024 - Jan 2025