

Omar Faruk

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🌐 whereisfarukk | 📺 Omar Faruk

Skills

Languages: C/C++, Java, HTML/CSS, JavaScript, SQL, NodeJs, ExpressJs

Tools: Git, Github, Vim, Latex, Matlab, Android, Linux, Unity, JUnit

Education

Shahjalal University of Science and Technology

B.Sc in Software Engineering

Feb 2020 –

CGPA: 3.62/4.00

Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Artificial intelligence, Computer Graphics and Image Processing

Feni Government College, Feni

Intermediate of Science

Jul 2017 - Aprl 2019

GPA: 5.00/5.00

Feni Government Pilot High School, Feni

Secondary

Jan 2015 - Feb 2017

GPA: 5.00/5.00

Project Work

- **Online Hall Allocation System:** Revolutionizing campus housing allocation, our user friendly website simplifies the process. Students browse, apply, and track progress seamlessly. Enjoy less stress, more choice, and transparency. It's the future of hall allocation, one click at a time! 🌐
- **Chat with multiple pdf:** Developed a Research Assistant Guide (RAG) project that allows users to chat with multiple provided PDF documents. Users can ask questions based on the PDFs, and the system provides accurate responses using retrieval-augmented generation. Implemented with Python, LangChain, OpenAI, and Hugging Face models, this project demonstrates my skills in integrating advanced AI tools and creating user-friendly applications. 🌐
- **Food Engine:** Developed an Android application focused on efficient train food distribution. The app allows passengers to order food while the train is running, streamlining the food delivery process and reducing congestion in the train. This project highlights my expertise in Android development and my ability to create practical solutions that enhance user convenience and operational efficiency. 🌐
- **Moon-Expedition:** Developed "Moon-Expedition," a Java-based game where players control a spaceship to shoot at rotating objects. The objective is to kill insects that appear intermittently on these objects. This project demonstrates my proficiency in Java programming and my ability to create engaging and interactive gaming experiences. 🌐

Achievements

- **1000+** problem solved on multiple online judges. 🌐, **pupil** on codeforces & **top 5** on beecrowd.
- **100+** problem solved on LeetCode.
- **Selected finalist**, Blood donation platform, Bdapps National Hackathon.
- **7th, Divisional Math Olympiad**
- Machine Learning and Deep Learning Specialization on Coursera .

Research & Thesis

- **Thesis:** Analyzing Cookies Compliance with the GDPR
 - Developed CookieBlock browser extension .
 - Used web crawlers and machine learning to classify cookies .
 - Suggested improvements for GDPR compliance and digital law of BD.

Extracurricular Activities

- **Joint Secretary**, SUST Student Association, Feni
- **IUPC Volunteer**, SUST SWE TECHNOVENT
- Mentored 10 high school students on programming and problem solving.

Hobby

- Digital Drawing | Listening Music | Travelling | Cycling