

SHEKH HUMAIRA SUNZIDA

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Teigaon Dhaka, Bangladesh

Github | LinkedIn | ResearchGate

SUMMARY

Highly Motivated & dedicated graduate, demonstrates a deep understanding of computer IT fundamentals, software development, with a proven ability to communicate complex concepts in an accessible & engaging manner. Experienced in tutoring peers, leading study groups, and delivering presentations. Committed to developing cooperative learning environment that promotes student development & enthusiasm for technology. Eager to contribute to curriculum development & academic research.

EDUCATION

Comilla University, Bangladesh

Bachelor's Degree in Information & Communication Technology (2019 - 2024)

SKILLS

• Languages:

C, C++, R, HTML, CSS, Javascript, Java, Python, SQL, Typescript, PHP.

• Familiar with:

Matlab, Jupyter Notebook, Xampp, SQLite, Visual Studio Code, Notion, Android Studio, Adobe Illustrator, Adobe Photoshop WordPress, Microsoft Office.

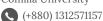
- Research & team management skills
- Problem-solving & Communication skills

CERTIFICATIONS

- Supervised Machine Learning Certification
- Adruino Programming & Hardware Fundamentals By Hackstar Certification
- Foundations of User Experience (UX) **Design Certification**
- Google IT Automation with Python Certification
- Google Data Analytics Certification
- Google IT Support Certification

REFERENCES

Dr. Md. Saifur Rahman Associate Professor, Comilla University



saifurice@cou.ac.bd

Sakil Ahmmed Senior Principal Officer Dhaka Bank(Gulshan Circle-2)



sakil.ahammed@ dhakabank.com.bd

RESEARCH & PROJECTS

BSc. Research Project

Pitch Extraction Using DCT Based Power Spectrum Method in **Noisy Speech**

- A research conduct to develop a efficient method of extracting Fundamental Frequency of human voice.
- Computer based project, includes Matlab simulation on dataset.
- Provides better performance than other conventional methds.

Technical Project

Arduino Voice Controlled Bluetooth Car

- A microcontroller based project.
- Automates vehicle using voice command through mobile app.

Fake Currency Detection

- Machine Learning based project using python.
- Features extracted using data prepossesing & image processing.

AI Virtual Assistant

- Artificial Intelligence based project.
- Assist human in daily activities according to command.

Vehicle Validation System

- · Web developing project.
- Fontend designed with HTML, CSS, Bootstrap 5 & backend with PHP & SQL used for database management.

• A python based project can read aloud any document & pdf.

CO-CURRICULAR ACTIVITES & ACHIEVEMENTS

RoboICT

Founder and CFO (Chief Financial Officer) of RoboICT, A nonprofitable organization provide practical tech learning with lab facalities to students.

- Member of Comilla University Science CLub & IT Society.
- Achieved 1st price in Robo-Soccer Competition & 1st price in Project Showcase in Comilla Zilla Science Fair-2024
- Achieved a 4-year Degree on Singing from Chhayanaut Shongshkriti-Bhobon