

# SAWRADIP SAHA

DHAKA, BANGLADESH

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A versatile professional with an exceptional combination of technical skills, including programming, **Advanced Data Analysis**, **Machine Learning** and **Deep Learning** techniques, as well as **Mechanical Systems** and **Design knowledge**. A valuable asset to any company seeking a well-rounded individual with the ability to **bridge the gap between technical and engineering fields**.

## EDUCATION

### BANGLADESH UNIVERSITY OF ENGINEERING AND TECHNOLOGY

BSc in Mechanical Engineering

- Currently in 4th year (Last Term)
- CGPA 3.47/4.00

### COURSERA

Deep Learning Specialization

- Learned basics of ML, DL, Neural Networks, Data Analysis and Visualization.
- [Certificate](#)

### NOTRE DAME COLLEGE

Higher Secondary Certificate

- Ranked 115th among 2000+ students.
- GPA 5.00/5.00

## COMPETITIONS AND ACHIEVEMENTS

### IEEE VIDEO AND IMAGE PROCESSING CUP 2021

1st Position

- Our Team Samaritan achieved the 1st Position and was awarded with a prize money of \$5000.
- [Winner Announcement](#)

### IEEE VIDEO AND IMAGE PROCESSING CUP 2022

3rd Position

- Our Team Sherlock co-mentored by me achieved the 3rd Position and was awarded with a prize money of \$1500.
- [Winner Announcement](#)

### DEEP LEARNING SPRINT - BUET CSE FEST 2022

2nd Position

- Our Team Ekush achieved the 2nd Position and was awarded with a prize money of 60000 Taka.
- [Winner Announcement](#)

### ROBI DATATHON 2.0

Among Top 10

- From more than 2,800 participants from 11 countries, top 10 Teams were selected for further Data Analysis & Presentation
- [Competition Website](#)

## WORK EXPERIENCE

### MAGICMIND

Machine Learning Engineer Intern (Remote) [Oct 2022 - Present]

- A US-based personal well-being game development company
- Developed and implemented AI and large language models to enhance the story-line of a personal well-being game, resulting in a more engaging and personalized user experience.
- [Company Website](#)

## SKILLS

### PROGRAMMING:

- Python (Highly Experienced)
- C++/ Java / C#
- Data Analysis: Numpy, Pandas, Scipy
- Data Visualization: Matplotlib, Seaborn
- Machine Learning: Scikit-Learn
- Deep Learning: Pytorch, Keras, Tensorflow
- Database: SQL
- Data Warehousing, ETL Pipeline.
- Stable Diffusion, GPT3, ChatGPT

### MECHANICAL SOFTWARES:

- SolidWorks, AutoCad
- Ansys, Lammmps
- PLC (Simens LOGO)
- Matlab

### SOFT SKILLS:

- Communication, Responsibility & Commitment
- Conveying thoughts to Colleagues & Seniors
- Microsoft Office Tools