

Sawradip Saha

Dhaka, Bangladesh

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Personal Profile

I am a skilled, hardworking and highly motivated undergraduate student, extremely passionate about Computer Vision and other Deep Learning applications. I am proficient in **writing complex data processing as well as model training pipelines** both in local as well as remote platform. I have achieved **multiple international and regional Deep Learning competition awards** and able to work well both in a team environment as well as independently. With my optimistic outlook, I desire to accomplish something that benefits both my team and humanity as a whole.

Education

Coursera

Deep Learning Specialization

deeplearning.ai

February 2020 - June 2020

- One of the best MOOCs on Deep Learning taught by Stanford professor Andrew Ng.
- **Skills Gained:** Python, Deep Neural Network, Convolution Neural Network, Recurrent Neural Network
- Links: [Course Homepage](#), [Certificate](#)

Bangladesh University of Engineering and Technology

Dhaka, Bangladesh

BSc in Mechanical Engineering

May 2018 - Current

- Currently an Undergraduate Student
- Alongside academic skills gained Leadership and Responsibility as Class Representant for 4 years

Skills

Programming(Primary)	Extensive experience with Deep Learning using Python(Pandas, PyTorch, Matplotlib , Scikit-learn. etc.)
Programming(Additional)	C/C++, c, Java, JavaScript, HTML/CSS, SQL.
Miscellaneous	Linux, Shell (Bash/Tmux), Git, \LaTeX (Overleaf/R Markdown), MATLAB, ANSYS, Microsoft Office, Firebase.

Awards and Achivements

IEEE Video and Image Processing Cup, 2021

Alaska, USA

Champion

Sept - Nov 2021

- Our *Team Samaritan* achieved **1st Position** and was awarded with a prize money of **\$5000**.
- Links: [Competition Webpage](#)

Deep Learning Sprint 2022

Dhaka, Bangladesh

Runners Up

July - Sept 2022

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

IEEE Video and Image Processing Cup, 2022

Bordeaux, France

Second Runners Up

Sept - Oct 2022

- Our *Team Sherlock* **co-mentored** by myself achieved **3rd Position** and was awarded with a prize money of **\$1500**.
- Links: [Competition Webpage](#)

Work Experience

Magicmind

Remote

Machine Learning Engineer Intern

Oct 2022 - Present

- Developed and implemented AI and large language models to enhance the storyline of a personal wellbeing game, resulting in a more engaging and personalized user experience.

Research and Publications

A Siamese Based One Shot Learning Network with a Watermark Enhancement Technique for Historical Watermark Recognition

IEEE Region 10 Symposium

Sawradip Saha; Utsab Saha; Swojan Datta Sammya; Shahed Ahmed; Shaikh Anowarul Fattah

1-3 July 2022

- Links: [DOI](#)