

Srijit Kundu

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EDUCATION

S.R.M. Institute of Science and Technology
B.Tech. Computer Science

June 2026

Current GPA: 9.64/10.0

Garden High School (ICSE/ ISC)
English, Physics, Chemistry, Mathematics, Computer Science

2008-2022

ICSE: 94.6% / ISC: 94%

COURSEWORK

Courses: Object-Oriented Programming, Data Structures & Algorithms, Computer Organization and Architecture, Operating Systems, Programming for Problem Solving, Design & Analysis of Algorithms, Digital Image Processing, Artificial Intelligence, Database Management Systems, Linear Algebra, Advanced Calculus, Probability & Statistics

SKILLS

Languages: C/C++, MatLab, Python, Java, JavaScript, HTML/CSS, \LaTeX
Tools: Git/GitHub, VS Code, Jupyter, Anaconda IntelliJ CLion/PyCharm/IDEA

Frameworks: OpenCV, TensorFlow, pyTorch, React, NextJS, TailWindCSS

Libraries: Keras, pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, XGBoost

PROJECTS

GAN Image Detection | *Python, TensorFlow, pyTorch, Jupyter Notebook*

Dec. 2023- Present

- Implemented State of the Art research papers to detect GAN generated images
- Compiled a dataset of 80,000 images compressed by various social media platforms.

LingoFlow | *Python, pandas, pyTorch, ReactJS, TailWindCSS, VS Code*

Sept. 2023

- Participated in a team project for the Smart India Hackathon 2023, earning recognition as a College Finalist
- Created an English-Hindi language translator leveraging Seq2Seq with Attention mechanism.
- 🐙 [LingoFlow-SIH-2023](#)

Chatter | *Java, Swing, NetBeansIDE*

Aug. 2023

- Engineered a full-stack, cross-platform chat application.
- Implemented user authentication, interactive GUI, and support for multiple simultaneous users.
- 🐙 [Chatter](#)

Portfolio | *HTML, NextJS, TailWindCSS, Framer-motion*

Dec. 2023

- Crafted a personal portfolio website using Next.js and Tailwind CSS.
- Designed with responsiveness, animations, and a dark mode toggle.
- 🐙 srijit-kundu-theta.vercel.app/

EXPERIENCE

Research Intern | *IIST, Shibpur*

June 2023 – Present

Focused on GAN-generated media compression within online social media platforms and implemented deepfake detection.

PUBLICATIONS

S. Kundu, D. Jash, R. Dutta. Leukemia Classification Using Transfer Learning Models. Second IEEE International Conference on Advances in Information Technology, 2024.

S. Kundu, T. Ghosh, R. Naskar. Using Local Phase Quantization to Identify Fake Faces in Online Social Networks. Manuscript under review.