

Abhijit Sinha

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EDUCATION

Master of Computer Applications (MCA)

Tezpur University

2025 — 2027

CGPA: 8.24 / 10.0

Bachelor of Science in Computer Science

Cotton University, Guwahati, Assam

2022 — 2025

CGPA: 8.13 / 10.0

HIGHER SECONDARY (XII)

Kendriya Vidyalaya, Missamari

Class of 2022

MATRICULATION (X)

Army Public School, Missamari

Class of 2020

PUBLICATIONS & RESEARCH

Sentiment Analysis in Kokborok: Building Resources and Models for a Low-Resource Language

July 2025

Published: International Conference on Data Science and Network Engineering (ICDSNE 2025), Agartala, India

- Built a dataset of over **7,500 sentences** to support NLP research on Kokborok, a low-resource Indian language.
- Trained sentiment classification models using Logistic Regression and Bag-of-Words (BoW) techniques, reaching **90% accuracy**.

RESEARCH EXPERIENCE

Research Intern

IEEE Computational Intelligence Society Kolkata Chapter

Summer Internship Program 2026

May 2026 — Present

- Conducting research on hybrid **EEG-fNIRS** brain-signal analysis and generating high-fidelity topographical brain images.
- Utilizing **MATLAB** and the **BBCI Toolbox** to preprocess and visualize neuroimaging datasets.
- Reproducing and analyzing quantitative research baselines from published EEG and fNIRS benchmarks.

TECHNICAL SKILLS & INTERESTS

Programming: Python, C++, SQL

Data Science: NLP, Machine Learning, AI, Data Analysis

Libraries: Scikit-learn, Pandas, NumPy, NLTK, spaCy

Tools: MATLAB, BBCI Toolbox, Git, Google Colab, Jupyter

Topics of Interest: NLP, Sentiment Analysis, Neuroimaging, Machine Learning, AI

Languages: English, Hindi, Assamese

CERTIFICATIONS

Natural Language Processing in Python

Udemy

2025

Learned text preprocessing, sentiment analysis, and topic modeling using spaCy and NLTK.

LEADERSHIP & RESPONSIBILITY

Class Representative

CSIT Department, Cotton University

2023 — 2025

Managed academic coordination between faculty and students; organized departmental workshops and events.

Interests: Photography, Drawing