

Uttam Mahata

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🐙 Uttam-Mahata



EDUCATION

Indian Institute of Engineering Science and Technology, Shibpur
Bachelor of Technology in Computer Science & Technology
CGPA : **9.07 (Till 3rd Semester)**

2022 – 2026
Howrah, India

Bandhgora Anchal Vidyalaya H.S
Higher Secondary Examination
Board : **WBCHSE**
Percentage : **92.20**

2020 – 2021
Jhargram, India

Bandhgora Anchal Vidyalaya H.S
Secondary Examination
Board : **WBBSE**
Percentage : **93.42**

2018 – 2019
Jhargram, India

SKILLS

Programming Languages
C/C++, Java, Python

Web Development
HTML, CSS, JavaScript

Frameworks
Angular, PrimeNG, Bootstrap,
Tailwind CSS

Others
Git, Linux

PROJECTS

Winners Education (Frontend Development)

Mar 2023 – present

Contributing to the frontend development of the Winners Education website. Winners Education is a dynamic platform dedicated to delivering high-quality educational content and resources to students.
Technologies : **Angular, PrimeNG, TypeScript, HTML, CSS**

- Implementing responsive and user-friendly interfaces using Angular and Primeng.
- Collaborating with the backend team to integrate frontend with backend services.
- Ensuring cross-browser compatibility and optimizing website performance.

Optimizing Document Clustering

Aug 2023 – Dec 2023

Optimizes document clustering correlation-based clustering.

- It preprocesses text documents, applies clustering optimization, and compares the performance of various clustering algorithms.
- Compares the optimized clustering results with popular clustering algorithms (KMeans, AffinityPropagation, GaussianMixture, AgglomerativeClustering).
- The comparison includes metrics such as Davies Bouldin Index, Silhouette Score, Calinski Harabasz Score, Adjusted Rand Score, and Normalized Mutual Information. generates graphical representations of the number of clusters and errors for different threshold values. Optimal threshold values are highlighted, assisting in selecting the best configuration.

INTERESTS

Technical Interests
Data Science, Machine Learning, Web Development

Sports
Football, Cricket

SOFT SKILLS

Team work, Problem solving