KOUSHIK DASGUPTA

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Education

St. Xavier's College Ranchi, Jharkhand, India	**2021 - 2024**

- *B.Sc. (Hons) Computer Application*
- *CGPA: 7.3*

T.P.S.D.A.V. Public School, Baharagora, India	**2019 - 2021**

- *AISSCE (Class XII),*
- *Percentage: 87.6%*

T.P.S.D.A.V. Public School, Baharagora, India	**2018 – 2019**

- *AISSE (Class X)*
- *Percentage: 93.5%*

Skills

- **Programming Skills**
  Python | C | C++ | Django | HTML | CSS | JavaScript | NodeJS | PHP | MySQL | DBMS | Git | Bootstrap |
- **Subjective Knowledge**
  OOPs | Computer Graphics | DSA | Software Engineering | Artificial Intelligence | SDLC | Testing | Troubleshooting
- **Personal Competence**
  Communication | Problem solving | Attention to details | Adaptability | Team work | Creative | Leadership

Projects

Automated Facial Recognition Attendance Marking System

- Developed a system to provide a simple and secure method to record and track attendance of students using *facial co-ordinates*.
- **Working**: First it takes a picture of all the authorized people and stores it in the *database*. The image is then mapped into a face co-ordinate structure by the system. Whenever a registered person's face is recognized, the system records the time and marks the attendance in an *excel sheet*.
- **Technologies used**: HTML, CSS, JS, MySQL, Python, OpenCV, Haar Cascade Classifier

Sorting Visualizer

- This *responsive* visualizer is developed to simplify the working and learning of different *sorting algorithms* in order to approximate the time taken for unit comparison.
- *Working:* It asks for array of positive integers, then we can select for the required type of sorting we want to display and approximate the working and it performs the *sorting* accordingly performing and visualizing the comparisons and swaps with every run.
- **Technologies used:** HTML, CSS, JavaScript

Experience

- **Web Designer Internship | Vedant Asset**   **1 Aug, 2023 – 31 Aug, 2023**
  During my internship I gained hands-on experience in developing responsive web pages with enhanced user interactions and user-friendly interfaces ensuring consistent performance across browsers that equipped me with practical skills in web design and development.

Certifications

- Verizon Cloud Platform Job Simulation offered by Forage. | Verizon Certificate
- HackerRank Python Programming Language Certification. | HackerRank Python Certificate