

MAITRIYA DUBEY

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EDUCATION

B. Tech, Electronics and Communication Engineering CGPA: 8.43	2023 - 2027 (Exp.) MIT World Peace University, Kothrud, Pune
Class XII, Indian School Certificate Percentage: 92	2021 - 2022 Sheiling House School, Kanpur
Class X, Indian Certificate of Secondary Education Percentage: 97.4	2019 - 2020 Sheiling House School, Kanpur

SKILLS

Technical Skills	Arduino, 8051 Microcontroller, PCB Designing ,MS Office
Database and Tools	Git/GitHub, Visual Studio Code, KiCad, Multisim, Keilµvision
Programming Languages	C, C++, Python, Embedded C, Assembly Language
Soft Skills	Critical Thinking, Strong Communication, Keen Attention to Detail, Adaptability

PROJECTS

Ultrasonic Radar System using Arduino. Developed a radar system using an ultrasonic sensor and servo motor to detect nearby objects. Implemented real-time visualization using Processing IDE. Improved detection accuracy by optimizing sensor angles.

RFID-Based Attendance System. Designed and implemented an attendance system using RFID, Arduino, and a database. Integrated an RFID module (RC522) with an Arduino to scan ID cards and log attendance. Developed a real-time database system to store and retrieve attendance records. Improved security and accuracy by implementing unique RFID tags and time-stamping.

EXPERIENCE

Club President Sheiling House Computer Club	2020 - 2022 <i>Sheiling House School, Kanpur</i>
<ul style="list-style-type: none">Member and eventually President of my School's Computer Club responsible for the Technical Workings and Support of the School and for the organization of the Inter-House Technological competition "Teknovation".	
Club Chief Coordinator Sheiling House English Literary Club	2021 - 2022 <i>Sheiling House School, Kanpur</i>
<ul style="list-style-type: none">Chief Coordinator of my School's English Literary Student Society responsible for the promotion of improved English usage and Literature and for the organization of the Inter-House Literary Competition "Abhivyakti".	
Club Founder and President Sheiling House Quizzing Club	2018 - 2022 <i>Sheiling House School, Kanpur</i>
<ul style="list-style-type: none">Founded the School's Quizzing Club. Promoted General Knowledge and Quizzing, mentored and trained junior students, organized and anchored various Quizzes related to various domains like Literature, Trivia, Current Affairs, Technology and even Mathematics.	