HARSHIT MISHRA

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Projects: https://github.com/harshit7962

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EDUCATION

Vellore Institute of Technology (VIT) *2019 - present*
Bachelor of Technology (B.Tech) in Computer Science & Engineering

SKILLS

- **Languages:** C++, C, Java, Python, JavaScript, HTML, CSS
- **Lib/Frameworks:** Bootstrap, jQuery, ReactJS
- **Tools:** Git on GitHub
- **Platforms:** Heroku
- **Databases:** SQL, MongoDB

WORK EXPERIENCE

Core Committee Member - Institute of Electronic and Electrical Engineering (IEEE-TEMS) *Dec 2020 - Present*

- Part of Technical Domain of IEEE-TEMS
- Currently involved in making the website for the chapter

Event Coordinator – Cryptographic Ledger – the blockchain *Apr 2021*

- Handled an online session on the concept of cryptography.

VOLUNTEERING EXPERIENCE

- Mentored students joining in chapter for different technical domains.

PROJECTS & ACHIEVEMENTS

- Image Encryption and Decryption using Carrier Images: used MATLAB to achieve image distortion of hexadecimal encoded image and further encrypting the transmission with a unique 4-out-of-8 code in order to ensure confidentiality of transmission.

- Web Crawler: used python to develop a basic web crawler in order to scrap the web pages and get list of underlying web pages.

- Car Failure Analysis: Made a data visualization on the car failure rates of different states in US using flex dashboard as part of data studying.

- Sudoku Solver: Developed a sudoku solver using backtracking algorithm