

Parmod Kumar

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 [Parmod Kumar](#) |  [Parmod0537](#)

Sirsa, Haryana - 125102, India

INTRODUCTION

Final Year Engineering Student actively seeking internship opportunities to apply and enhance technical skills. Passionate about learning new technologies, with hands-on.




EXPERIENCE

- **National Institute Of Technology, Delhi**  June 2024 - July 2024
Delhi, India
 - Clustering of Wireless Sensor Networks using Genetic Algorithm
 - Implemented genetic algorithm-based clustering techniques to optimize energy consumption in wireless sensor networks.
 - Developed and tested fitness functions for efficient cluster head selection.
 - Worked with Python and simulation tools to model and evaluate network performance.

EDUCATION

- **Central University Of Haryana, Mahendergarh** July 2021 - June 2025
Mahendergarh, India
 - Bachelor In Technology
- **Jawahar Navodaya Vidyalaya, Odhan** March 2021
Sirsa, India
 - Senior Secondary Education
 - Percentage: 90

PROJECTS

- **Clustering In WSN Using Genetic Algorithm** June 2024

 - Tools: Python
 - Clustering of Wireless Sensor Networks using Genetic Algorithm.
 - Implemented genetic algorithm-based clustering techniques to optimize energy consumption in wireless sensor networks.
 - Developed and tested fitness functions for efficient cluster head selection.
 - Worked with Python and simulation tools to model and evaluate network performance.
- **Master Slave Arduino Project** Oct 2023

 - Tools: Tinkercad (Virtual Arduino Simulator)
 - Master Slave Arduino Project Developed a Master-Slave Arduino communication system for seamless interaction and data transfer between two Arduino boards.
 - Enabled efficient data exchange, control, and synchronization between the Master and Slave Arduino units Link : Master Slave Arduino Quiz Project
- **Document Automation Using Python** Feb 2023

 - Tools: Python
 - Designed and implemented a Python program to automate retrieval of information on Canadian Parliament Members from the House of Commons website.
 - Developed script to gather comprehensive data efficiently.
 - Project documentation and implementation available on my professional GitHub account

SKILLS

- **Programming Languages:** C++, MySQL, Shell Scripting, Python, C, HTML, CSS, JS
- **Soft Skills:** Project Management, Robotics and Automation
- **Tools & Technologies:** Github, VSCode, Linux, Hack The Box
- **Research Skills:** Genetic Algorithm

ADDITIONAL INFORMATION

Languages: English, Hindi, Punjabi