Himachal Rohan

Résumé

1606, Nayabad, Kolkata 700099
West Bengal, India
📞 *+91 8420575803*
✉ *himachalrohan@gmail.com*

Education

2018–2022	**Bachelor of Technology**, *Heritage Institute of Technology*, Kolkata, *GPA – 8.0*. Secured highest possible grade in **Image and Pattern Recognition** and **AI in Radio Communication**
2017–2018	**All India Senior School Certificate Examination (XII)**, *Army Public School Kolkata*, Specialized in Science, *Percentage – 89%* .
2014–2015	**Senior Secondary Examination (X)**, *Army Public School Kolkata*, *CGPA – 10* .

Industrial Training

2020 **Internshala Training on Internet of Things**, *Familiarization with **Bolt IoT** platform*.
- Acquired practical skills in developing IoT applications and working with the **Bolt IoT** platform.
- Developed an understanding of the Internet of Things (IoT) ecosystem and its various applications.
- Implemented an IoT Monitoring System to collect sensor data and monitor devices remotely.
- Gained expertise in controlling devices over the internet using IoT protocols and technologies.
- Learned how to analyze and visualize IoT data for actionable insights and decision-making.

Academic Project

2021 **Temperature Monitor and Alert System**, *Developed a temperature monitoring system which sends an alert when the temperature crosses a certain threshold.*

Bachelor Thesis

2021-22 **Design and Implementation of a GSM based Weather Station**.
- Developed a comprehensive weather station that utilizes GSM technology to provide real-time weather data and alerts.
- Assembled the weather station using **Proteus**, a circuit simulation software.
- Utilized **Arduino**, a subset of $C++$, for coding and controlling sensors and communication modules.
- Integrated various sensors to measure parameters such as temperature, humidity, atmospheric pressure, and rainfall and implemented GSM technology for data transmission, enabling remote access to weather updates..

Skills

Technical Skills

- **Programming Languages**: Python (Intermediate), C (Intermediate), $C++$ (Intermediate)
- **Web Development**: HTML (Basic), CSS (Basic)
- **Internet of Things (IoT)**: Arduino (Intermediate), Bolt IoT (Basic)
- **Database**: SQL (Intermediate)
- **Data Analysis**: Octave (Basic), MATLAB (Basic)
- **Version Control**: GitHub (Basic)

Software Skills

- **Microsoft Office**: Word (Advanced), Excel (Advanced), PowerPoint (Advanced)
- **LaTeX**: Familiar with typesetting documents using LaTeX.

Extracurricular Activity

Member of College Quiz Club, *Regular participant of inter-college quiz contests.*

Interests

- Quizzing   - Baking