



# Sonamdeep Kour

EnRoll No.:2019BECE018

B.Tech - Electronics and Communication Engineering

National Institute Of Technology, Srinagar

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## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech.	National Institute of Technology, Srinagar	7.38	2023
Senior Secondary	Heritage School, Jammu CBSE Board	83.40%	2019
Secondary	Heritage School, Jammu CBSE Board	10 CGPA	2017

- Undergraduate with bachelor's degree in Electronics and Communication Engineering seeking role in Software role.

## EXPERIENCE

- Indian Institute of Science** Jan. 2022 - Feb. 2022  
Project Intern: under Prof. S.N. Omkar Bangalore, India
  - Generation of MultiSpectral to Quasi-Hyperspectral Signature of Mineral Species using Vision Transfer(ViT) Model
  - Accuracy of the model is 95%

## PROJECTS

- Smart Parking System** Jun 2023
  - Orchestrated the design and implementation of a Smart Parking System using **Arduino** as the core microcontroller, ensuring seamless integration of various components.
  - Incorporated the **NodeMCU** WiFi module, enabling real-time transmission of parking slot availability information to the cloud.
- Autonomous Tic Tac Toe(2D Game)** Jan 2021
  - Created Python based 2D Game that can be played between a player and CPU, Every move to be made by CPU is decided **Optimally** Using **MiniMax** Algorithm

## SKILLS

- Programming: C, Java, SQL, Python.
- Frontend: HTML, CSS, JavaScript.
- Libraries: Numpy, Pandas, Matplotlib, SciPy, Scikit-learn
- Operating Systems: Windows

## POSITIONS OF RESPONSIBILITY

- Campus Recruitment Coordinator**, Training and Placement Cell ,NIT Srinagar June 2022 - Present
- Organising Team Member**, Adieu 2022 ,NIT Srinagar Jul. 2021
- Team Member**, Student Community ,NIT Srinagar Jul. 2021 - Present
- Organising Team Member**, Nexus 2020 ,NIT Srinagar Jul. 2021
- Team Member**, Girls Basketball Team , NIT Srinagar Oct. 2019
- Cultural Captain**, Organiser of various events, Heritage School Jammu May. 2017 - Mar. 2018

## ACHIEVEMENTS

- 1st Prize**, Young Chef Competition by GNA University, Phagwara 2016
- Gold Medal**, Inter District Handball Tournament 2015
- Consolation Prize**, Painting Competition organised by Ministry of Water Resources 2012

## HOBBIES

- Sports, Bhangra , Art,**