Kanchan Bisht

Srinagar Garhwal – Uttarakhand - 246174

☐ (+91)7456961390

🌐 https://www.linkedin.com/in/kanchan-bisht-716a38106/   ✉ bkanchan300@gmail.com

EDUCATION

Indian Institute of Technology Hyderabad
PhD in Computer Science & Engineering, **CGPA:9**   *2020-Pursuing*

National Institute of Technology   **Uttarakhand**
M.Tech in Computer Science & Engineering, **CGPA: 9.71**   *Sep 2020*

Hemvati Nandan Bahuguna Garhwal University   **Srinagar, Uttarakhand**
B.Tech in Computer Science & Engineering, **Percentage: 83.6%**   *Aug 2017*

Kendriya Vidyalaya S.S.B Srinagar Uttarakhand   **C.B.S.E Board**
Intermediate, **Percentage: 80.4%**   *May 2013*

Kendriya Vidyalaya S.S.B Srinagar Uttarakhand   **C.B.S.E Board**
Matriculation, **CGPA: 9.4/10**   *June 2011*

INTERESTS

- Lattice based Cryptography
- Cryptography, Secret Sharing Scheme
- Data Structures and Algorithms

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, C, C++
- **Operating Systems :** Windows, Linux
- **Others:** SQL, MongoDB, Git, MATLAB, Latex, Docker

PROJECTS & PUBLICATIONS

- Kanchan Bisht, Maroti Deshmukh. ***"A novel approach for Multilevel Multi-Secret Image Sharing Scheme"***, Journal of Supercomputing, Springer, 2021
- Kanchan Bisht, Maroti Deshmukh. ***"Encryption algorithm based on Knight's tour and neighbourhood addition"***. 7th International Conference on Signal Processing and Integrated Networks (SPIN). IEEE, 2020.
- Mtech Thesis on ***Secret Image Sharing Schemes*** using Linear algebra and boolean and modulo arithmetic. (Guided by Dr. Maroti Deshmukh, Assistant professor NIT Uttarakhand).
- Group chat application for Interanet (using Java)

TRAINING AND CERTIFICATIONS

- Presented a conference paper titled ***"Encryption Algorithm based on Knight's Tour and n-neighbourhood addition"*** at 7th International Conference on Signal Processing and Integrated Networks (SPIN 2020), Amity University Sector-125 Noida.
- Attended STC on ***"Application of Statistics in Experimental techniques"***.

- Attended STC on *"Research Methodology"*.
- Attended STTP on *"Artificial Intelligence"*.
- Attended workshop on *"Android app Development"* by **CETPA Infotech Pvt. Ltd.**
- Summer training on **Advance Java** from **Insergo Technologies Pvt. Ltd, Dehradun**.
- Summer training on **Java** from **Unisoft Technologies, Dehradun**.
- Certified in one year **Diploma in Office Automation and Publishing (DOAP)** from **Apex Computer Education Uttarakhand.**