Rabia Bakshi
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ACADEMIC DETAILS

Year	Degree/Exam	Institute	GPA/Marks(%)
Aug, 2021 - Present	B.TECH in Computer Science	Graphic Era University Dehradun	9.2/10
2021	Intermediate/+2(C.B.S.E)	Innocent Hearts School	95.8 %
2019	Matriculation(C.B.S.E)	Innocent Hearts school	92.33 %

PROJECTS

- **Malware Detection and Mitigation** (Dec,2023 - Jan,2024)
  It calculates accuracy, precision, and confusion matrix to assess the model's performance in detecting malicious software.

- **Key Management Scheme for Secure Communication** (April,2023 - Jun,2023)
  Uses Secure Protocol Description Language (SPDL) in Scyther tool. A cryptographic key management protocol between roles "DS" and "ES." It involves message exchanges, secret claims, and authentication checks, ensuring secure key distribution and synchronization.

- **Weather Forecasting** (Jul,2022 - Aug,2022)
  Uses the Tkinter library to create a weather forecasting application. It fetches weather data based on the selected city, displaying temperature, weather description, country, pressure, wind speed, and humidity. Users can search for weather information, and the GUI is adorned with background images and labels.

- **Delivery App** (May,2024 - Jun,2024)
  Web Application for a food delivery app using MERN stack. Users can order food, have different payment methods, and do live tracking of their food package.

- **Image Cryptography** (Mar,2024 - April,2024)
  Java Swing implementation of image encryption application allowing users to encrypt or decrypt any image for security purposes.

TECHNICAL SKILLS

- **Languages: Python**, **Java**, **C**, **C++** , **SPDL**, **HTML**, **CSS**, **Javascript**, **Dart**, **SQL**, **Machine Learning**(Naive), **Solidity**, **Linux Commands**

- **Tools and Frameworks:** Scyther, Jupyter, VS Code, IntelliJ Idea, Pycharm, Remix IDE, LaTeX, MySQL Workbench.

SCHOLASTIC AND CO-SCHOLASTIC ACHIEVEMENTS

- **Women Safety App** First Runner-up at Diversity Hackathon 2024 organised by Standard Chartered Bank

EXTRA-CURRICULARS

- Solved 500+ questions on online coding platforms like leetcode, codeforces, etc.
- NSS Volunteer
- Member of The Designnovation Hub(TDH).
- Participated in various coding and programming contests organized by Codeforces, Hackerrank and the College itself.
- **Interests and Hobbies:** Solving puzzles, playing chess and table tennis
- Intern at the viral fission club
- **Strengths:** Positive Attitude, Social Interaction, Assiduous