Rati Tikkha

Graphic Era Deemed To Be University, Dehradun
B.TECH in Computer Science 2020-2024

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Course	College/University	Year	CGPA/%
B.TECH Computer Science	Graphic Era Deemed To Be University	2020-24	87.6
Intermediate/+2	B.B.L Public School	2020	89.6
High School	B.B.L Public School	2018	84

RESEARCH WORK

1.Cryptographic Measures in IoMT: Security Threats and Measurement |ICCCNT| April 2022 – Oct 2022 The COVID-19 pandemic highlighted difficulties further and the potential of IoT in healthcare industries. Encryption and decryption processes, Security flaws in IoMT as well as threats.
https://ieeexplore.ieee.org/abstract/document/9984359/authorsauthors
2. Secured Smart Personalized Health Analytics System Using Social Media Applications Feb 2023 – April 2023 |ICCPCT| In this article, the system was created using wearable technology, encryption methods, and data from social media. To evaluate the system's accuracy and viability, a group of volunteers participated in testing

WORK EXPERIENCE

1. Research Analyst Intern | STEMIsights   [Feb'2023-May'2023]

- It includes technical and non-technical data analysis and report generation.
- Learned organizational skills, managing multiple tasks simultaneously without compromising the quality of work.

2.Research And Development Intern|Passionate In Marketing   [may'2022-july'2022]

- It includes writing daily blogs for information, entertainment, and knowledge.
- These were published on the PASSION IN MARKETING PAGE on a daily basis.

SKILLS & INTERESTS

- **Programming Languages**: C++,C,Java, Python,HTML,CSS, php,jquery,SQL

- **Tools & Libraries**: OpenCV, Tensorflow ,NumPy, Excel, PowerBI

- **Interests**: Data Analysis,cloud computing, Machine Learning,Data virtualization

PROJECTS

- **Chatbot In Python | ML/AI projec**   [Nov'2022-Dec'2022]
  - Developed chatbot that is trained on the dataset which contains categories (intents), patterns, and responses.
  - It uses libraries like NLTK, Keras, Python, Numpy, pickle, JSON, and Tkinter.
- **GENDER AND FACE DETECTION | python and ML**   [Jan'2023-Jun'2023]
  - It uses OpenCV, deep learning frameworks like TensorFlow, Caffe, PyTorch etc.
  - It predicts the gender and age range of the person based on database.
- **TINDOG| Web Development Project**   [Apr'2022-Jun'2022]
  - The responsive frontend with multiple features and different sections.
  - It uses HTML, CSS, BOOTSTRAP, and JAVASCRIPT.
- **Student Data Management system| C++ Project**   [Apr'2021-Jun'2021]
  - Developed a management system for student data.
  - It uses Object Oriented Programming techniques and C++ libraries.

EXTRACURRICULAR ACTIVITIES

- 2022 ICCCNT IEEE virtual conference
- 2022 Google cloud computing foundation virtual base, Kubernetes etc| GCCF
- Selected in the Wipro training program
- complete web development course udemy