

AMAN KUMAR SINGH

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ABOUT

Looking for an job in a company where I could learn under working professional to gain knowledge and improvement of my skillsby giving some input to the company.

INTERNSHIP & TRAINING

Verzeo

June 2022 - Aug 2022

- I successfully completedthis internship which was offered to me by Verzeo which was in collaboration with IBM. I have also completed the Data Interpretation project using Python.

Research Internship, IIT Bhubaneswar

20th June 2021 - 22nd July 2024

- I was working as a generative AI intern, mostly on Transformer & GAN models. I've done a lot of research on their architecture, and my current project explores their applications and optimizations in more detail.

PROJECTS

ChatBot

- Web application which utilizes a chatbot interface to interact with patients, gather information about their disease and symptoms, and provide medication recommendation.
- Skills used - HTML, CSS, Bootstrap, JavaScript

Bitcoin Price Prediction

Combined effort in developed of an Algorithmic Trading Model for the BTC/USDT Crypto Market using Python and libraries such as SciPy, Scikit-learn, XG Boost, and seaborn.

Overcame Random Forest and XG Boost to obtain improved prediction accuracy using Linear Regression, and integrated risk management strategies for optimization.

EDUCATION

Bachelor of Technolgy in Computer Science and Engineering (Data Science)

Overall cgpa – 8.86

C.V. Raman Global University

Intermediate

Leed's Asian School, Patna, Bihar

Secured-69.5%

Matriculate

Leeds Asian School, Patna, Bihar

Secured-85.5%

SKILLS

- **Programming Languages:** C++, MY SQL, HTML, R Language
- **Frameworks:** CSS, Deep Learning (small projects on models- CNN, GAN, Transformer, FLANN), Data Mining, Information Retrieval.
- **Soft Skills:** Team Work, Disciplined, Hard Working, Adaptable

CERTIFICATION

- **CCNAv7:** Introduction to Networks; Enterprise Networking, Security and Automation; Switching, Routing and Wireless Essentials.
- **Cisco Networking Academy**– CPA Programming in C++, Python Essentials 1, Python Essentials 2
- **Coursera**– Palo Alto Networks Cybersecurity Foundation.

EXTRA CURRICULAR

- **NCC Cadet (C certificate):** Achieved the prestigious C Certificate in NCC, demonstrating exceptional discipline, leadership, and commitment.
- **Football (Left Winger):** Contributed to the team in Inter College Tournament.
- **Athlete:** Best Athlete Trophy at the 6th Ambedkar Youth Sports Festival. Winner of multiple medals in inter-school and intra-college athletics competitions, including 100m, 400m races and many other.