Garima Taneja

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EDUCATION

- **Amity University** — Noida, India
  B.Tech - Computer Science and Engineering; CGPA: 8.27 — 2022 - 2026

  Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning

SKILLS SUMMARY

- **Languages:**   C++,Python, JAVA, SQL, HTML
- **Frameworks:**   Figma, Wordpress
- **Tools:**   GIT, MySQL, VS Code, Qiskit, Jupyter, MATLAB
- **Platforms:**   MacOS, Web, Windows, IBM Quantum
- **Soft Skills:**   Leadership, Event Management, Writing, Public Speaking, Time Management

EXPERIENCE

- **ML Cohort 1.0 - Codesss.Cafe** — Remote
  ML Intern/ Facilitator — *January 2024 - Present*
    - **Tech Stack- Python, Numpy,Pandas, Tensorflow, Jupyter**: Leading the development of a comprehensive Machine Learning course, integrating hands-on projects and establishing year-round mentorship for passionate students, demonstrating a commitment to shaping the next generation of skilled professionals.

- **ML Internship - Bharat Intern** — Remote
  ML Intern — *January 2024 - Present*
    - **Tech Stack- Python, Numpy,Pandas, Tensorflow**: Actively engaged in diverse Machine Learning projects utilizing a tech stack encompassing Python, NumPy, Pandas, and TensorFlow. Demonstrating a commitment to skill refinement and hands-on experience in the dynamic field of Machine Learning.

- **Graphic Designing - Legacy Solution** — Remote
  Graphic Designer — *Sept 2023 - Present*
    - **Tech Stack- Canva, Adobe Express**: Proficiently utilizing Canva and Adobe Express to enhance social media presence and manage impactful advertising campaigns. Demonstrating a keen eye for design and contributing to the visual success of the organization.

PROJECTS

- **Egg Catcher -Based on classic arcade game (Immersive, Interactive, Challenging)**: An interactive interface that primarily involves a basket and eggs, the user needs to catch as many eggs as possible without losing chances. Tech: Python, Tinkter, GUI (September '23)

- **Loan Predictor- Based on Logistic Regression (Adaptable, Dynamic, Efficient)**: Implemented logistic regression for a loan predictor, offering precise probability estimates for informed risk assessment.Leveraged logistic regression's interpretable coefficients to identify and communicate key elements influencing loan default predictions. Accuracy: 77 % Tech: Python, Pandas, Numpy (January '24)

WHITE PAPERS

- **Research paper on The Mathematics Behind Secure Data Exchange Platforms Using Zero-Knowledge Proofs and Quantum Cryptography**:
    - This paper explores the potential of Zero-Knowledge Proofs (ZKPs) and Quantum Cryptography (QC) in developing a secure data exchange platform.
    - It covers the fundamentals of cryptography, ZKPs, and QC, highlighting their applications in data security. It then examines how these two techniques can be used together to achieve secure data exchange.

HONORS AND AWARDS

- Google Girls Hackathon - Round 1 cleared - June, 2023
- Women Who Code + LINUX Foundation Scholar - December, 2022
- Secured 1st position at CSIR CCMB Govt of India research paper contest - January, 2021
- Secured 2nd position in STEM-Ideathon at GEMS United Indian School, Abu Dhabi, UAE - June, 2017

COURSES

- **Data Structures and Algorithms** — Udemy
  Learned and implemented data structures in C++ and Python — *October 2023*
- **QxQ Introduction to Quantum Computing** — IBM Quantum
  Received a scholarship to attend the course. Learnt to produce qubits using python — *April 2023*
- **Include Her Cohort 2.0** — Reskill
  Centered on AI fundamentals AI-900 in collaboration with Microsoft Azure. — *October 2023*

VOLUNTEERING

- **Intercultural Conversationalist** — Generation Global
  Led international student engagement initiatives, promoting a globally inclusive community — *February 2021*
- **Prefect** — GUIS, Abu Dhabi, UAE
  Led and upheld school core values while managing the student community. — *April 2017-18*