

# Harsh Verma

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## EDUCATION

- **B.Tech., CSE (Pursuing)** 2020 - 2024 (expected)  
*with Specialization Hons. in AI & ML, Amity University, Noida* Percentage: 82.4
- **12th Standard (CBSE)** 2019  
*Rajkiya Pratibha Vikas Vidyalaya, Delhi* Percentage: 83.2
- **10th Standard (CBSE)** 2017  
*Rajkiya Pratibha Vikas Vidyalaya, Delhi* Percentage: 93.1

## WORK EXPERIENCE

- **Summer Intern** June 2023 – July 2023  
*Echelon Edge Pvt Ltd, Chandigarh, Haryana*  
– Developed multi-tenant network management system module for monitoring network devices, collaborated on REST-API integration, utilized Django for server-side frameworks
- **Data Science & Business Analyst Intern** January 2023 – February 2023  
*The Spark Foundation, Singapore*  
– Provided analytical support, conducted research, created case studies, generated visualizations, developed predictive models.
- **Summer Intern** June 2022 – July 2022  
*ParknSecure India Pvt Ltd, Haryana*  
– Collaborated with Open-Source Development Team, debugged ML algorithms, acquired proficiency in ML training ecosystems, conducted rigorous testing for optimization.

## ACADEMIC EXPERIENCE

- **Study Abroad Program, Singapore** April 2023 – May 2023  
*Amity Global Institute, Singapore*  
– Participated in a semester-long study abroad program, developing a deep understanding of Management through engaging coursework and hands-on learning, gaining a global perspective, and acquiring valuable skills in adaptability, intercultural communication, and independence.
- **Haier Industrial Visit** September 2022  
*Haier Appliances India Pvt Ltd, Greater Noida, Uttar Pradesh*  
– Participated in an industrial visit to Haier organized by Amity for exposure to the manufacturing processes and operations of the industry.

## ACADEMIC PROJECTS

- **Image Captioning and Hashtag Generator** 2021  
– A deep learning project created for automatically generating captions and automated hashtags.
- **Responsive Website Frontend Portfolio** 2022  
– Developed the complete frontend of the website and integrating with backend.
- **Network Monitoring Tools and Backup Log save** 2023  
– Full stack Django project for network diagnostic and monitoring.
- **Car Parking AI** 2022  
– Python code only using Threshold pixels.
- **Multiple Object Tracking** 2022  
– Training dataset using YOLOv5 Model, to detect any video and label the moving objects.

## ACADEMIC & EXTRACURRICULAR ACHIEVEMENTS & AWARDS

- **Certificate of Excellence** for Data Structures and Algorithms in C++ course, Coding Ninjas. 2021
- **NDG Linux Essentials certificate** by Cisco Networking Academy. 2022
- **Experience in early Competitive Programming:** CodeChef: Highest Rating 1606 (3 stars).  
Best Finish: Starters 75 Division 3 (Rated) 2023 Global Rank: 223.

## TECHNICAL SKILLS

C++, Python, Django, AI, ML & Deep Learning, OOPS, MySQL, HTML, CSS & JS, Linux

## EXTRA-CURRICULAR ACTIVITIES

**Human Values and Community Outreach:** Passionate environmental conservation and community outreach enthusiast with active participation in NGO "TREES" outdoor activity-based course. Engaged in impactful initiatives for Earth and environment rejuvenation, Aligned with personal values and aspirations, and demonstrated commitment to environmental causes and community welfare.