

# Harsh Verma

## Computer Science Engineer, Specialized in AI & ML

### Contact

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### Work Experience

#### Summer Intern

Echelon Edge Pvt Ltd, (June 2023 – July 2023)  
Chandigarh, Haryana

- Develop a module in multi-tenant NMS for monitoring/configuring diverse network devices.
- Worked with the backend development team on the use of REST-API.
- Learned the use of Django to make server-side framework.
- Received a certificate of appreciation for recognizing contributions.

#### Data Science & Business Analyst Intern

The Sparks Foundation, Singapore (Jan 2023 – Feb 2023)

- Provided analytical support in performing tasks and conducting research to create case studies.
- Created visualizations such as graphs and charts to effectively communicate trends and insights.
- Developed predictive models using machine learning algorithms to forecast future trends and patterns.
- Rewarded a certificate of completion for outstanding contribution.

#### Summer Intern

ParknSecure India Pvt. Ltd., (Jun 2022 – Jul 2022)  
Gurugram, Haryana

- Worked with Open-Source Development Team to create and debug Machine Learning algorithms.
- Learned ML training ecosystems and management.
- Tested models and classes for a better approach.
- Rewarded a letter of appreciation.

### Academic Projects

#### Image Captioning & Hashtag Generator

A deep learning project created for automatically generating captions and automated hashtags. 2021

#### Responsive Website Frontend Project

Developed the complete frontend of the website and integrating with backend. 2022

#### Malware Backdoor Project

Reverse engineered malware and created an executable code for infecting and gathering information from other devices in a network. 2022

#### Car Parking AI

Python code only using Threshold pixels count. 2022

#### Multiple Object Tracking Using YOLOv5

Training dataset using YOLOV5 model, to detect any video. 2022

### Education

B.Tech., CSE (Pursuing) 81.9% (till Vth semester)

Amity University, Noida (2020 – 2024)

XII Standard (CBSE) 83.2%

Rajkiya Pratibha Vikas Vidyalaya, Delhi (2018 – 2019)

X Standard (CBSE) 93.1%

Rajkiya Pratibha Vikas Vidyalaya, Delhi (2016 – 2017)

### Technical Skills

- C++ / C
- Python
- Django
- AI, ML & Deep Learning
- OOPS
- Data Structures and Algorithms
- Operating System
- Database Management System
- HTML, CSS & JS

### Academic Experience

#### Study Abroad Program, Singapore

Amity Global Institute, Singapore (April 2023 – May 2023)

- Participated in a semester-long study abroad program at Amity University in Singapore, focusing on Management courses.
- Developed a deep understanding of Management through engaging coursework and hands-on learning opportunities.
- Gained a global perspective by immersing myself in a new culture and experiencing life in a different country.
- Developed valuable skills such as adaptability, intercultural communication, and independence during this experience.

#### Haier Industrial Visit

Haier Appliances India Pvt Ltd, (Sep 2022)  
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.
- Received certificate for successful completion.
- Interacted with industry professionals, gained insights.

### Academic & Extracurricular Achievements & Awards

- Certificate of Excellence for being a Top Performer and successful completion of Data Structures and Algorithms in C++ course, Coding Ninjas, India. (2021)
- Achieved NDG Linux Essentials certificate by Cisco Networking Academy. (2022)
- Achieved certificate for active participation in the 24-hour offline hackathon organized by IEEE NSUT, HackNSUT'22. (2022)
- Experience in early Competitive Programming: CodeChef: Highest Rating 1606 (3 stars). Best Finish: Starters 75 Division 3 (Rated) 2023 Global Rank: 223.

I hereby declare that the details furnished above are true and correct to the best of my knowledge and belief.