Harsh Verma

Computer Science Engineer, Specialized in AI & ML

Contact

Mobile:	+91-9868900300
Email:	polasharsh@gmail.com
Address:	Amity University, Noida 201303

Work Experience



Summer Intern

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

- 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

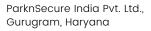


The Sparks Foundation, Singapore

(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



(Jun 2022 - Jul 2022)

- 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 2021 automatically generating captions and automated hashtags.

Responsive Website Frontend Project

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

Malware Backdoor Project

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

Car Parking Al

Python code only using Threshold pixels

Multiple Object Tracking Using YOLOv5

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

Education

B.Tech., CSE (Pursuing)	81.9% (till Vth semester)
Amity University, Noida	(2020 - 2024)
XII Standard (CBSE)	83.2%
Rajkiya Pratibha Vikas Vidyalaya, De	elhi (2018 - 2019)
X Standard (CBSE)	93.1%
Rajkiya Pratibha Vikas Vidyalaya, De	lhi (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
- 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, Greater Noida, Uttar Pradesh

- Participated in an industrial visit to Haeir 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.