

MUSKAAN CHOPRA

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EDUCATION

Chandigarh College of Engineering and Technology

Bachelor of Engineering in Computer Science | CGPA: 9.11/10

Panjab University, Chandigarh

Aug. 2019 – June 2023

Kendriya Vidyalaya

Intermediate/ Class XII CBSE | AISCCE(%): 91.8/100 (Rank 6)

Chandigarh

July. 2017 – March 2019

WORK EXPERIENCE

Data Science Intern

Sept. 2021 – Present

HeyStack

Machine Learning Intern

July 2021 – Present

Scanta, Inc

- Developed NLP modules for PII and script detection.

Research Intern

April 2021 – Sept. 2021

Design and Innovation Centre, Panjab University

- Worked on Predictive Maintenance for early prediction of faults in machine by vibrational, thermal and Time Series analysis.

UI Intern

Dec 2020 – Feb 2021

Scanta, Inc

- Assisted in Developing a Javascript based Front-End with Docker Integration and a React - based UI for Bot Security

RESEARCH EXPERIENCE

Predicting Catastrophic events using Machine Learning models for Natural Language Processing

Submitted Work

A comparative study of Generative Adversarial Networks for Text-to-Image synthesis

Submitted Work

An Inquisitive Prospect On The Shift Towards Online Form Of Digital Media in COVID-19 Pandemic

Accepted, Springer: International Conference on Advances in Data Computing, Communication and Security, 2021

An Investigative Study Into The Impact Of AI & IoT In Modern Times & Hereafter

In Press, AAP & CRC Press: Taylor & Francis Group

TECHNICAL SKILLS

Programming Languages: C, C++, Python, R

Data Science & AI: Python libraries, MS Excel, Google sheets, Power BI, Tableau, Machine Learning, Time Series Analysis, Natural Language Processing

Web Technologies: HTML, CSS, Bootstrap, Materialize

Databases: MySQL PostgreSQL

Developer Tools: Git, Docker, Google Cloud Platform, VS Code, PyCharm

PROJECTS

Review Scraper | *Walmart Product Review Scraper using Selenium in Python.*

[Visit](#)

Temperature Prediction | *A time-series prediction project based on ARIMA.*

[Visit](#)

CCET ACM Student Chapter Website | *Developed website with team for CCET ACM Student Chapter.*

[Visit](#)

College Grievance System | *Maintained the Database of the Grievance system of my College in MySQL.*

[Visit](#)

Project XLR8 | *Developed Website for the organization.*

[Visit](#)

COVID-19 TRACKER-In Angular CLI | *A covid-19 tracker made in Angular framework*

[Visit](#)

POSITIONS OF RESPONSIBILITY

1. **Student Ninja** at **ACM India** Special Interest Group On **Knowledge Discovery and Data Mining**
One of the five students Selected from India for Inaugural Student Ninja Board (2021-22) for ACM IKDD
2. **Chairperson** at **CCET ACM Student Chapter**
*Scaled community to 150+ members through 25+ events including webinars, competitions and workshop focusing on developing technical and leadership skills. Released 'CASC Magazine' & acted as **Lead Editor** for it in academic year 2020-21 as Membership Chair.*
3. **Student In-charge & Coordinator**
College Website Development Team, E-Cell & Training and Placement Cell.
4. **Class Representative**
*Gained **public speaking, organisation, problem-solving and negotiation skills** by proactively coordinating with a class of 75 students and staff.*

PRESENTATIONS

- **Lecture** on An Undergrad perspective on **Computer Science Life** organized by CCET ACM Student Chapter, Chandigarh.
- **Lecture** followed by **Hands-on Workshop** On Logo-Design in **Adobe Illustrator** organized by CCET ACM Student Chapter, Chandigarh.
- Delivered **Seminar**, on “**AI, ML and IoT** in National Language”, as a part of A **four-day national webinar** on the role of technology in making India Self Reliant, by **CSTT, Indian Ministry of Education**.

ACHIEVEMENTS

- Selected for STA Program 2021 **ICMR - CIBIOD, PGIMER**, Chandigarh.
- Selected for short term course on **Data Analytics and Predictive Technologies** in IIT-BHU.
- **Granted Scholarship** for **ACM MobiSys 2021** mentorship and workshops.
- Successfully completed **Ultimate Milestone** of Google Cloud Ready facilitator Program
- Successfully completed **Digital Intelligence** Virtual Case Experience by PwC
- Successfully completed **Microsoft AI Classroom Series**
- **Cleared Round 1 of National Level Hackathon, Game of Codes.**

EXTRA-CURRICULARS

- Organized a A Five-day Faculty Development Programme by ATAL AICTE and CCET, Chandigarh on "AI with IoT"
- Organized a A four-day national webinar by technology experts on the role of technology in making India Self Reliant, by CSTT, Indian Ministry of Education.
- Designed various Posts and Brochures for Government Events in Collaboration with our college.**Check Here**
- 2nd Runner-Up In PICTURESQUE, A B-Roll Making Competition by Photography club of College.