Muskaan Chopra

3rd Year Undergraduate

Department of Computer Science & Engineering

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Academic Qualifications

Year	Degree/Certificate	Institute	CGPA/%
2019 - Present	B.E.	Chandigarh College of Engineering & Technology, Panjab University, Chandigarh	9.11/10
2019	CBSE(XII)	Kendriya Vidyalaya , Chandigarh	91.8%
2017	CBSE(X)	Kendriya Vidyalaya, Jaipur	10/10

Industrial Experience

- **Machine Learning Intern** (*July'21*)
  Scanta, Inc
  – Developed NLP modules for PII and script detection.
- **Research Intern** (*April'21*)
  Design Innovation Centre, MHRD & UIET
  – Worked on Predictive Maintenance for early prediction of faults in machine by vibrational and thermal analysis
- **STA Program 2021 - ICMR - CIBIOD, PGIMER** (*Mar'21*)
  – Attending the STA Programme where researchers, experts, and educationists share their knowledge for the social good in different domains.
- **UI Intern** (*Dec'20*)
  Scanta, Inc
  – Assisted in Developing a Javascript based Front-End with Docker Integration.

Research Experience

- **An Inquisitive Prospect On The Shift Towards Online Form Of Digital Media, Before, During, And After The COVID-19 Pandemic: A Technological Analysis** *(Accepted, Springer: International Conference on Advances in Data Computing, Communication and Security, 2021)* (*Feb'21- March'21*)
- **An Investigative Study Into The Impact Of Artificial Intelligence And Internet Of Things In Modern Times And Hereafter** *(In Press, AAP & CRC Press: Taylor & Francis Group)* (*Oct'20-Feb'21*)

Technical Skills

- **Programming Languages:** C, C++, Python, R
- **Web Technologies:** HTML, CSS, Bootstrap, Materialize
- **Databases:** SQL, MongoDB
- **Cloud Platforms:** GCP, AWS
- **Artificial Intelligence:** Data Science (Python libraries, MS Excel, Google sheets, Power BI, and Tableau), Machine Learning, Time Series Analysis, Natural Language Processing
- **Operating System:** Windows, Linux

Projects

- **Temperature Prediction** LINK (*April'21*)
  – A time-series prediction project based on ARIMA with RMSE of 4.09%.
- **CCET ACM Student Chapter Website** LINK (*April'21*)
  – Developed website with team for CCET ACM Student Chapter.
- **College Grievance System** LINK (*Jan'21*)
  – Maintained the Database of the Grievance system of my College in MySQL.
- **Developed Website For Project XLR8** LINK (*Aug'20*)
  – Project XLR8-Connecting NGOs, is an organisation that aims to hold a meticulous database of all known NGOs and Volunteers in India.
- **COVID-19 TRACKER-In Angular CLI** LINK (*July'20*)
  – A covid-19 tracker made in Angular framework which fetches data from an API key.All components of UI/UX were also developed from scratch.

Positions of Responsibility

- **Membership Chair** 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 the **'CASC Magazine'** & acted as **Lead Editor** for it. (*Mar'21 - Present*)
- **Student In-charge** of College Website Development Team and E-Cell. (*Jan'20 - Present*)
- **Class Representative-** gained public speaking, organisation, problem-solving and negotiation skills by proactively coordinating with a class of 75 students and staff. (*Aug'20 - Present*)

Presentations

- **Lecture followed by Hands-on Workshop On Logo-Design in Adobe Illustrator** organized by CCET ACM Student Chapter, Chandigarh. (*April'21*)
- **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. (*Oct'20*)

Achievements

- Selected for short term course on **Data Analytics and Predictive Technologies** in IIT-BHU. (*July'21*)
- **Granted Scholarship** for **ACM MobiSys 2021** mentorship and workshops. (*June'21*)
- Successfully completed **Ultimate Milestone** of Google Cloud Ready facilitator Program (*June'21*)
- Successfully completed **Digital Intelligence** Virtual Case Experience by PwC (*May'21*)
- Successfully completed **Microsoft AI Classroom Series** (*Nov'20*)
- **Cleared Round 1 of National Level Hacakthon,** Game of Codes. (*June'20*)

Extra-Curriculars

- 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
- Designed logo for two brands.
- 2nd Runner-Up In PICTURESQUE, A B-Roll Making Competition by Photography club of College.