

MUSKAAN CHOPRA

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in Muskaan Chopra

RESEARCH EXPERIENCE

Two papers submitted in National Language to UGC Journal (Submitted Work)

CSTT, Ministry of Education, India

OCT, 2020 - MAR, 2021

An inquisitive prospect on the shift towards Online Form of Digital Media, before, during, and after the COVID-19 Pandemic: A Technological Analysis (Ready to Submit)

Advisor: Dr. Sunil K. Singh (Professor and HoD, Dept. of CSE, CCET)

DEC, 2020 - FEB, 2021

An Investigative Study into the Impact of Artificial Intelligence and Internet of Things in Modern Times and Hereafter (Submitted Work)

Advisor: Dr. Sunil K. Singh (Professor and HoD, Dept. of CSE, CCET)

OCT, 2020 - FEB, 2021

INDUSTRY EXPERIENCE

RESEARCH INTERN

DESIGN INNOVATION CENTRE

APRIL, 2021 -PRESENT

- Working on data exploration and preprocessing.
- Working on Predictions and Forecasting using ML Models.
- Working on Data Visualizations in D3 and Angular.

UI INTERN

SCANTA

DEC, 2020 - FEB, 2021

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

POSITIONS OF RESPONSIBILITY

Committees

ACM (Member-Ship Chair), College Website (Member)

Developer Circles

GDG (Chandigarh), Women Techmakers

Volunteering

Class Representative

EDUCATION

Bachelor of Engineering, CSE

Panjab University

2019 - 2023

CGPA, till semester 2, 8.81/10

SKILLS

Programming

C, C++, Python

Artificial Intelligence

Data Science, ML (Algorithms and Libraries), NLP (Text Processing)

Web Technologies

Angular, React, Bootstrap, Materialize, SQL

TOP PROJECTS

TEMPERATURE PREDICTION USING AUTO REGRESSION (Link)

- Forecasted and visualized the temperature data.

XLR8 (Link)

- Developed Website For Project XLR8.

COVID-19 TRACKER-In Angular CLI (Link)

- A covid-19 tracker made in Angular framework which fetches data from an API key.

VIRTUAL DOCTOR IN C++ (Link)

- Provides an instant and portable method of disease diagnosis and booking appointments.

PRESENTATIONS AND TRAINING

PRESENTATIONS

- Seminar, on "AI, ML and IoT in National Language", as a part of A four-day national webinar by technology experts on the role of technology in making India Self Reliant, by CSTT, Indian Ministry of Education.

TRAINING

- Participated in Your Research Story: Creating Visualizations to Increase Research Impact, by WILEY
- Successfully Completed Google Cloud Training
- Qualified round-1 national level hackathon, GAME OF CODES by BRIDGINGO
- Successfully Completed Microsoft AI Classroom Series
- Front-End JavaScript Frameworks: Angular, The Hong Kong University of Science and Technology
- Python for Data Science, IBM