

VARUN CHOPRA

+91-9990130785 ♦ varun.chopraa06@gmail.com ♦ varunchopra.me

New Delhi, India

EDUCATION

Bharati Vidyapeeth's College of Engineering
B.Tech. in Computer Science and Engineering
CGPA: 8.978

New Delhi, India
2017 - 2021 (expected)

Montfort School, Ashok Vihar
Percentage: 94.6% (AISSCE)

New Delhi, India
2015 - 2017

EXPERIENCE

IHS Markit Ltd

June 2020 - July 2020

SQA Engineer Intern/Apprentice

Gurgaon, India

UI improvements on an existing Chrome extension for automation of xpath's extraction from web pages, web automation for login validation and password change, VIN data analysis and bucketing, organising interactive fun activities for the intern cohort.

National Informatics Centre, MeitY

May 2020 - June 2020

Data Analytics Intern

New Delhi, India

Analysis and segregation of chatbot log data and generalisation of analysis process for use with 18 chatbots.

Development of a dynamic and interactive dashboard visualising the results of the analysis.

National Informatics Centre, MeitY

June 2019 - July 2019

Summer Intern

New Delhi, India

Developed Matra, a phonetic typing API and tool for transliteration from English to 10 Indian languages.

TECHNICAL SKILLS

- **Programming Languages:** Python, C/C++, Java, HTML, CSS, JavaScript
- **Tools:** Flask, CherryPy, Tableau, Power BI, Elasticsearch, Kibana, Selenium, MySQL, Oracle, Git
- **Machine Learning:** Keras, Tensorflow, Scikit-learn
- **Cloud Computing:** Google Cloud Platform
- **Design:** Adobe Photoshop, Adobe Illustrator

PERSONAL PROJECTS

Music Genre Classification using Deep Neural Networks

September 2019 - May 2020

- Audio data augmentation techniques to significantly improve data quality.
- Comparison of different classifiers.
- Test accuracy of 98.2% achieved on proposed DNN.

Stock Prediction using Machine Learning

February 2020

- Use of Linear Regression and Support Vector Machine classifiers from scikit-learn Python library on stock data obtained using Quandl Python Library.

Fake News Detection using Deep Learning and Machine Learning

February 2020

- Text classification using LSTM classifier. (Accuracy - 93.4%)
- Image classification using CNN and ELA. (Accuracy - 91.83%)

CERTIFICATES

- **Neural Networks and Deep Learning by deeplearning.ai** - Coursera
- **Google Cloud Platform Fundamentals: Core Infrastructure** - Coursera
- **PadhAI Deep Learning** - One Fourth Labs
- **Nagarro Career Bootcamp** - Coding Blocks

August 2020

July 2020

May 2020

April 2020

ACHIEVEMENTS AND POSITIONS OF RESPONSIBILITY

- **Head of Teaching and Instrumentals** - Aagaaz Music Society, BVCOE
- **Smart India Hackathon Grand Finalist**
- **Anugoonj Annual Cultural Fest Finalist** - Vocals/Guitar
- **Reserve Bank of India Scholarship for Excellence in Studies**
- **Vice President** - Converge Clan, Montfort School

June 2019 - June 2020

March 2019

2018, 2019, 2020

July 2017 - Present

2015 - 2017

INTERESTS

Singing, Playing the Guitar, Football, Photography, Movies, Art History