



Bhavya Agarwal

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Computer Science & Engineering

Graphic Era Deemed to be University

Examination	University	Institute	Year	CPI/%
Graduation	Graphic Era University	Graphic Era University	2020-24	9.45
Intermediate/+2	HSC	DAV Public School	2020	84.16
Matriculation	SSC	DAV Public School	2017	88

COURSE/PROJECTS

- **Detection of Fake News using Python and Machine Learning**

(Sep'21-Feb'21)

Technologies Used: Machine Learning

Language Used: Python

Dataset Used: Kaggle Fake News Detection Dataset

IDE Used: Google Colab

A Linear Regression model is created using machine learning concepts to detect whether the news is 'REAL' or 'FAKE' on the basis of word frequency count within the document and with other documents and assign label to it. The accuracy obtained by the model is 94

- **HANDWRITTEN DIGIT RECOGNITION**

(April'22 - July'22)

Technologies Used: Convolutional Neural Network(CNN)

Language Used: Python

Dataset Used: MNIST Dataset **IDE used:** Google Colab

Created a sequential model that will take an image of handwritten single digit as input and will classify the digit between 0-9. The model contains 8 intermediate nodes in which data is processed to give final output. The accuracy obtained by model is 98

TECHNICAL SKILLS

- **Programming & Scripting Languages:** C, C++, Python, HTML, Java. Advance Java, Java Swing, Java AWT
- **Others:** Machine Learning, Deep Learning, Microsoft Azure.
- **Tools:** Visual Studio, Jupyter notebook, Spyder, Eclipse.

CERTIFICATES

- AI Fundamentals(AI-900)
- AWS Certified Cloud Practitioner(CLP)

EXTRA-CURRICULAR

- **Olympiads**
 - **National Science Olympiad (NSO):** Secured first position in district **Bijnor.** (Dec'15)
 - **International Computer Olympiad (ICO):** Participated in a computer olympiads. (2017)
- **Other:** A good orator, got first position in Inter-house debate competition, participated in many Inter-class group discussions.
- **Interests:** Love to listen Music and play chess.