SHIVAM SHANDILYA

STUDENT

CONTACT

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KEY SKILLS

- Machine Learning
- Data Science
- Statistics
- Coding
- Quantum Computing

TECHNICAL SKILLS

- **Languages**: Python, Java, C++, C
- **Frameworks**: Tensorflow, Scikit-Learn, Flask, Qiskit

CERTIFICATIONS

- **Coursera** Deep Learning Specialization
- **Qiskit Challenge India**, Top 25
- **Coursera** AI For Medicine
- **Coursera** Machine Learning

AWARDS

Winners

My team Data Radars rose up as the winners of Data Science Summit, organized by Birla Institute Of Technology, Mesra.

Top 25

My team was awarded the 25th position in the Qiskit India Challenge, where we had to design a Quantum Variational Circuit.

Robotics

My team was awarded the Best Mechanical Hack in the Hackathon organized by the Robolution robotics club of my college.

SUMMARY

Sophomore in Birla Institute Of Technology, Mesra. Currently pursuing Bachelor's in Electrical and Electronics Engineering. Interested in Artificial Intelligence and Quantum Physics. Focused towards putting my skills to good use.

EDUCATION

Electrical and Electronics Engineering — Aug 2019 - Present
Birla Institute Of Technology, Mesra
Expected Graduation Year: **2023**

Class 11 - 12 — Jun 2016 - Jul 2018
Delhi Public School, Bokaro

Class 6 -10 — Mar 2011 - Mar 2016
St. Paul's School, Jalapahar, Darjeeling

EXPERIENCE

Member — Mar 2020 - Present
Society for Data Science
The official club for Data Science in Birla Institute Of Technology, Mesra.

Member — Mar 2020 - Present
Robolution
The Official Robotics Club of Birla Institute Of Technology, Mesra

PROJECTS

SUDOKU SOLVER USING CNN — Jul 2020 - Aug 2020
Creator
This project makes use of CNN(Convolutional Neural Network) to solve a sudoko puzzle.

A picture of the sudoku puzzle can be taken and uploaded in the application, which then gives out a picture of the the solved puzzle with the blank cells filled with the appropriate numbers.

STYLING IMAGES USING NEURAL NETS — Aug 2020 - Sep 2020
Creator
This style transfer implementation makes use of the VGG-19 model and its specific layers to extract high level features that can be compared to a randomly generated image into some image that has the content from the content image and style from the style image.

TextronAI — Dec 2020 - Feb 2021
Contributor
The Idea is to design a computer application that is capable of running in background while converting audio output to a text-based output. This can be handy for virtual meetings where you need to cache the tasks assigned to members of your organization, to save/highlight certain deadlines, or even dislpay subtitles.

FACIAL EXPRESSION DETECTION — Jun 2020 - Jul 2020
Creator
This is a FACIAL EXPRESSION DETECTION project made using Convolutional Neural Networks and deployed using FLASK.