



CONTACT

- i.mishraabhi0123@gmail.com
- +919717901090
- H.No - 742 Kotla Mubrakpur, South Delhi, India
- github.com/mishraabhi0123

SKILLS

- Python * * * * *
- C/C++ * * * *
- Artificial Intelligence * * *
- Machine Learning * * * *
- Deep Learning * * * *
- SolidWorks * * * * *
- MATLAB * * *
- Robotics * * * *

EXPERIENCE

- Product Development Intern at 3Dexter Pvt Ltd. (June & July 2019)

POSITION OF RESPONSIBILITY

- Head Boy of the school for a year (2015 – 2016)

ACTIVITIES

- Active member of Art Society of college (Kalakriti)
- Won 1st prize in a district level painting competition organized by Indian Post.
- Active member of Art society and Eco Club at school.

HOBBIES

- Painting
- Sketching
- Product Designing
- AI

Abhishek Kr. Mishra

Currently pursuing Mechanical Engineering, DTU

"I am self-motivated keen learner, looking forward to learn new skills and technical exposure."

ONLINE COURSES

1. Machine Learning (Coursera)
2. Deep Learning Specialization (Coursera deep learning.ai) (96.7 %)
3. TensorFlow in Practice Specialization (Coursera deep learning.ai)
 - Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning (100 %)
 - Convolutional Neural Networks in TensorFlow (100 %)
 - Natural Language Processing in TensorFlow (100 %)

EDUCATION

2017 - 2021	<u>Mechanical Engineering</u> Delhi Technological University (formerly Delhi College of Engineering)	88.2 %
2015 - 2017	<u>Intermediate</u> Navyug School, North West, Moti Bagh, New Delhi	94.4 %
2013 - 2015	<u>High School</u> Navyug School, North West, Moti Bagh, New Delhi	93.1 %

PROJECTS

ARTIFICIAL INTELLIGENCE PROJECTS

Maze Solver

- Path planning to navigate a complex labyrinth.
- Using various search algorithms like A-star, BFS, DFS, Best-first-search, Hill-climbing.

8 Puzzle Solver

- Solution of classic AI problem, Eight puzzle. Finds optimal path between given start and end state using search algorithms.

DEEP-LEARNING PROJECTS

Handwritten Digit Recognition

- Trained a deep neural network in TensorFlow to identify handwritten digits with 98 % validation accuracy.

Face Recognition and image sorting

- Trained a Siamese Network with triplet loss for face recognition task. Sorts different persons images in separate folders.

ROBOTICS PROJECTS

Mobile Robot

- Simulator of a differential drive mobile robot that is equipped with 9 IR sensors for distance measurements and 2 incremental encoders for odometry.

Robot Arm Simulator

- 2D arm simulator Positions the end effector at the location on mouse click.
- 3D arm simulator is written in python and uses interactive 3D matplotlib plotting for generating real time graphics.