

Shubham Dikshit

Bachelors in Technology

Department of Computer Science

IMS Engineering Ghaziabad

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EDUCATION

| Year | Degree/Certificate | Institute | CGPA/Percentage |
|---------|--------------------|------------------------------------|-----------------|
| Ongoing | B.tech | IMS Engineering College, Ghaziabad | 8(Upto 2nd Sem) |
| 2017 | Grade XII (CBSE) | Father Agnel School, Noida | 68.2% |
| 2015 | Grade X (CBSE) | Father Agnel School, Noida | 8 |

TECHNICAL SKILLS

- Programming: Python, C, C++, SQL, CSS, HTML, JavaScript, Node JS, Bootstrap, LaTeX, MATLAB, CUDA
- Software & Tools: Docker, Kubernetes, Pytorch, OpenCV, Keras, Pandas, Numpy, AutoCad

PROJECTS (ALL AVAILABLE IN GITHUB)

- **Breast Cancer Detection**
 - This program detects breast cancer, based off of data. Breast Cancer (BC) is a common cancer for women around the world
 - Early detection of BC can greatly improve prognosis and survival chances by promoting clinical treatment to patients.
- **Stock Prediction**
 - *Stock Prediction using RNN, LSTM, GRU(Gated recurrent unit). Prices were fetched from Yahoo Finance, fundamentals are from Nasdaq Financials, extended by some fields from EDGAR SEC databases.*
- **Snake-Game**
 - This Snake Game in C is a simple console application without graphics. In this project, you can play the popular "Snake Game" just like you played it elsewhere. You have to use the up, down, right or left arrows to move the snake.
 - Foods are provided at the several co-ordinates of the screen for the snake to eat. Every time the snake eats the food, its length will be increased by one element along with the score.
- **TicTacToe Game**
 - An A.I. bot for fun Tic-Tac-Toe Game
- **Personal Website**
 - Personal website created during my sophomore year
 - Used HTML, CSS for the frontwork
- **Image Classification**
 - Image classification Using Pytorch, OpenCV
 - Used Convolution Neural Network, Defined Loss Function

RESEARCH INTEREST

- **Computer Vision**
- **Natural Language Processing**
- **Machine Learning**
- **Artificial Intelligence**

WORK EXPERIENCE

- **IIIT HYDERABAD, HYDERABAD** *June 2019 - July 2019 (Intern)*
 - Parsing for Indian Languages under the Guidance of Dr. Manish Shrivastava
 - Build a Custom Parser for Hindi, Telugu, Tamil
 - Language Parser were made with the help of Ambati Thesis, Natural Language Processing Books

RELEVANT COURSES

Data Structures and Algorithms
Computer Organization and
Architecture
Discrete Mathematics

Python Programming
Computer Problem Solving
Basic Electrical Physics
Mathematics-I,II,III

Basic Electrical Engineering
Professional Communication
Engineering Chemistry

MOOCs

- Python Programming (ictacademyiitk.ac.in)
- Web Development Bootcamp ([udemy](https://www.udemy.com/))
- Docker and kubernetes ([udemy](https://www.udemy.com/))
- Global Warming I: The Science and Modeling of Climate Change ([coursera](https://www.coursera.org/))
- Machine Learning ([coursera](https://www.coursera.org/))

EXTRACURRICULAR ACTIVITIES

- **HacktoberFest 2019**

- Hacktoberfest is a month-long celebration of open-source software. It was started at DigitalOcean as a way to foster a sense of community and encourage more participation in open source projects.
- To reward Hacktoberfest contributors, DigitalOcean has designed a limited edition T-shirt for those who complete the challenge each year. This year, the first 50,000 participants will be eligible to receive the limited edition shirt.