

Jitesh Pabla

Computer Science student

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Experience

06-2017 - 07-2017

Intern, Data analysis, Team computers

Learned to clean and preprocess data, and applying various mathematical and machine learning models on data using “Alteryx”.

06-2017 - 08-2017

Intern, Python development, Internity

Learned python, NumPy, pandas, Sklearn and applied them in future projects.

Education

2015 - 2019

B.Tech - CSE, Jaypee Institute of information technology

CGPA: 7.8 (5 semesters)

2014 - 2015

Intermediate (Non - Medical): C.B.S.E, Delhi Public School, Noida

94.8%

Projects

08-2017 - 11-2017

Object detection library (Python, OpenCV)

A library based on “Opendedetection” C++ library, for standardising code written for object detection

Face Detection for blind (Android, Python)

An app that uses the above mentioned library for face and humanoid detection and recognition in a client - server system

Two level visual encryption (Python, pillow)

An encryption tool to encrypt color images visually using 2 share visual cryptography and AES encryption

Anomaly detection using intel lab dataset (Python, Sklearn, keras)

Detecting anomalies in the intel lab sensor data using different mathematical methods, dbscan and lstm

Chatbot (Python, Tensorflow)

A chatbot made using sequence to sequence model with an attention decoder

Web-Server (Python, TkInter, WSGI and Socket Library)

A simple web-server with multi-user and multi-framework support

Universal compressor (Python, TkInter, elementary machine learning)

A software to select and implement the best compression algorithm for a given file-type.

Image-to-code (Python, Tesseract, GTK and Pygments Library)

A software to convert an image to code in a text editor, and identify the programming language

Book Trading Website (HTML, CSS, Bootstrap, PHP)

A website to upload book information for trading them with other users

Tetris Game Clone (C++, Graphics.h Library)

A tetris game with different coloured elements and BST for high scores

Line Follower Robot with LCD (Arduino)

A robot which follows a black or white line, while counting number of obstacles on it's side on LCD

Technical Skills

LANGUAGES

Python



C/C++



Javascript



PHP



OTHERS

Git, Photoshop, Android development, Arduino programming, Web development

Activities

08-2017 - present

Coordinator of – **Graficas** (graphics and animation hub), **Open Source Developers club**

Director of digital design - **Organising Committee of JMUN 2018**

Placed 3rd in a **digital poster making** competition at Cyber Srishti 2017

Organising Committee of JMUN 2017 (Public relations)

Taught web development for techblocks by IEEE SB JIIT 2016

Placed 2nd in an **online ‘Hackathon’** at Xenith 2016

Interned at **Umeed NGO** in marketing

Jaypee Youth Club (Public relations) 2015-2017

2015