

SAVAN VISALPARA

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EXPERIENCE

STUDENT

ASSOCIATE(IT)

(July 2016 –
Feb 2017)

GTU INNOVATION COUNCIL

Responsible for arranging various event/workshops/seminars related to IT field.

SPEAKER and VOLUNTEER

BitFrames Club @Alpha College of Engineering and Technology

I with my team arrange/conduct various IT field related events such as workshop on machine learning and Python.

AWARDS

- Academic Excellence Award – 2017 by Alpha College of Engineering and Technology
- Dewang Mehta IT Award – 2017

EDUCATION

BACHELOR OF ENGINEERING

(2014 – present)

ALPHA COLLEGE OF ENGINEERING AND TECHNOLOGY

Pursuing B.E in Computer Engineering. Current **CGPA : 8.85**

Current Institute Rank : 2

CLASS XII

(2012 – 2014)

SARTHAK HIGHER SECONDARY SCHOOL

Passed Class XII from GSHEB board with **86.6%**.

Institute Rank : 2

CLASS X

(2011-2012)

SHREE GANESH VIDHYALAYA

Passed Class X from GSEB board with **91.20%**.

Institute Rank : 1

PROJECTS

ThirdEye: Vision for Everyone

Currently, we are working on this project where we are developing an Artificial Intelligence powered system/device that can help blind people understand their surrounding environment. The system captures an image, when asked, and generates a descriptive sentence of an image which then will be converted to a speech and passed to the user. If it is vague or user has any question, he or she can invoke the Visual Question Answering system to ask questions related to the image. Other features that can help visually impaired people will also be added. (TensorFlow, Keras, Raspberry Pi)

Malicious URL Detection using Machine Learning

Trained several machine learning models to identify malicious URL. I created my own dataset for this task. (scikit-learn, numpy, pandas)

General Purpose Chatbot using seq2seq model

Trained a seq2seq model using TensorFlow framework using Ubuntu Dialogue dataset to build a general purpose Chatbot. (TensorFlow)

Emotion Detection from Text using Machine Learning

Trained a machine learning model which can detect an emotion from a text. (Python, Pandas, Scikit-learn)

Face generator using DCGAN

Implemented a DCGAN model to generate human faces. (TensorFlow)

Vocabulary Master

A GUI app with chrome extension and web app which help you master new words easily and efficiently. Used Java and JavaFX framework to build a GUI app, used JSP and JDBC for web app. Chrome extension can be used for practice.

Web App to store records of dis-abled students

Developed a web app using PHP, HTML and JavaScript to store records and display it as part of the one hackathon.

Mini-Projects

The list of my mini-projects includes movie recommendation system using item-based collaborative filtering, SEO analyzer(Python), and many machine learning models trained on standard datasets.

SKILLS

LANGUAGES: C/C++, Python, JavaScript, Java, HTML, CSS, PHP, SQL

PLATFORM: Linux and Windows

Libraries/Frameworks: TensorFlow, PyTorch, Scikit-learn, Pandas, Numpy, Matplotlib, Keras, NLTK, OpenCV, Gym, Universe and many other Python libraries.

MOOCs:

- Deep Learning Specialization by deeplearning.ai (ongoing, Completed first 3 courses)
- Python Specialization by University of Michigan
- Python for Data Science by Microsoft
- CS231n 2016, CS224d 2016, and CS224n 2017 by Stanford
- Fast.ai's course on Deep Learning