

ABHINAV DUVVURI

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<https://github.com/abhinavdv>

A very hardworking and self-motivated individual eager to take up any kind of responsibility. Also a fast learner and has the skill to adapt to divergent situations deftly. Very passionate about Data Science, Computer vision and machine learning. A learner for life.

EDUCATION

Amrita Vishwa Vidyapeetham, Amritapuri

B.Tech in Computer Science
Semester 6

August 2018 - Present

CGPA: 9.21

Narayana High School, Vijayawada

Higher Secondary education

2015 - 2017

Percentage: 95.3%

Kendriya Vidyalaya, CLRI, Chennai

Primary and High school education

2005 - 2015

CGPA: 10.0

TECHNICAL SKILLS

Programming

C, C++, Python, Java

Web development related

HTML, CSS, javascript[node.js], and ejs(frontend), Javascript

VCS

GIT, Mercurial

Database

PostgreSQL, SQLite

Platforms

Linux, Windows

Additional

scikit, numpy, pandas

OPEN SOURCE CONTRIBUTIONS

Mozilla organisation

Contributed to Mozilla and fixed a few bugs for the organisation. My work can be found [here](#).

PROJECTS

Conways game of life

The Conway's Game of life is a zero player cellular automation game. This means that the evolution of each of the automation is based on the provided initial state. The game is coded in java using swings. The project is on [github](#).

Nand to Tetris

This project is a series of implementations of the most important components of computers starting from the basic nand gates and abstracting all the way to a programming language. The projects consists of making a basic interpreter, a compiler, a basic programming language(called Jack), an operating system for that computer and an assembler.

MINI-PROJECTS

Male-female sorting model

Takes the shoe size height and weight and outputs the gender of the person.Used the k-nearest neighbours classifiers algorithm. The project is on [github](#).

Twitter sentiment analyser

The tweepy library which twitter provides to retrieve tweets and the textblob library which is provided sentiment values to any statement on a scale of -5 to +5 are used. Input is taken from the user and searched in twitter's database. Then the retrieved data is sent into the textblob to get a sentiment value of the tweet. The project is on [github](#).

Language-converting-telegram-bot

Takes a message in one language(either by speech or text) and converts it into another language using Yandex libraries and gives output either as a text or voice-over.

CONFERENCES/ HACKATHONS

7th CSA Undergraduate Summer School— IISc Bangalore

July 2019

Was one of the 90 members to get selected for the summer school national wide. The summer school contained talks, demos, and hands-on sessions by experts covering various aspects of theoretical and applied computer science.

Dive into open-source workshop

Mar 2019

Was an integral part of conducting a two day workshop as a part of technical events in Vidyut 2019. Took sessions on Git.

E-Summit I-Hack Hackathon

Feb 2019

Participated in a 32hr hackathon and designed a robotic arm to simulate a factory floor and precisely pickup items and place them on a stack.

EXTRA-CURRICULAR ACTIVITIES

Serve an Hour

Feb 2018

Conducted a drug awareness program for high school students.

Amritavarsham 64,66

Sep2018,Oct2019

Volunteered during Ammas birthday celebration.

Student Social Responsibility

May 2019

Conducted a drug awareness program for high school students.

Cleanup drives

Feb 2018

AmalaBharathamCamapign-Took part in a clean-up drive to cleanup a nearby village.

Swatchtha-Hi-seva -Took part in a clean-up drive to cleanup a market place near our college.