

EDUCATION

IIIT HYDERABAD

B.Tech in Computer Science

August 2017 - May 2021 (expected)

CGPA: 8.81/10.0

SKILLS

Day to Day:

• C • C++ • Python • Bash • SQL • CSS • HTML5

Familiar:

• Javascript • Matlab • Django • Flask • Bootstrap • Numpy • Git • Linux • Google office suit

POSITIONS

- **Teaching Assistant:** Manage class of about 250 students for Psychology course
- **Class Representative:** Act as a mediator between students and faculty
- Member of college mess committee
- Open source contributor at Codeuino and TheAlgorithms

RELEVANT COURSES

• Data Structures • Software Analysis • Engineering Systems • Operating Systems • Database Systems • Distributed Systems • Signal Processing • Graphics • Artificial Intelligence • SMAI • Machine Learning • Information Security • Data Mining • Hydrological Modelling

ACHIEVEMENTS

- Secured IIT JEE (mains) rank 990 among 1.2 million people
- Secured IIT JEE (advanced) rank 1953 among .15 million short listed people
- Secured 395/450 in BITSAT
- One out of 1523 fellows selected for the prestigious KVPY scholarship (2016-2017) by IISC and DoST, Government of India
- Perfect 10 grade in spring 2020 semester

CODING PROFILE

- Codeforces max rating 1531
- Secured **1753rd** rank among 8K people in Google kick start round D 2020
- Participated in Facebook Hacker Cup
- Among **top 5** percentile from institute on GeeksforGeeks coding platform

WORK EXPERIENCE

SOFTWARE TRAINEE | DELAYED DUE TO VIRUS OUTBREAK

OnePlus | Hyderabad

SOFTWARE DEVELOPER | JUNE 2020 – PRESENT

MyHealthBuddy | WFH

- Automated the manual task of entering company sales details into the database by creating dynamic forms.
- Worked on role based dashboard and added functionalities specific to the role.

SOFTWARE ENGINEER | MAY 2019 – SEPTEMBER 2019

Aided | Hyderabad

- As a software engineer my role was to setup and manage the website, web-application and database for the company.
- Designed automated reports based on the given test.

TRAINEE | AUGUST 2018 – DECEMBER 2018

Five Finger Solutions | Hyderabad

- Worked on a computer vision team project in which my job was to search upon the various feature detection methods and select the most suitable among them.

PROJECTS

LINUX SHELL OPERATING SYSTEMS | C

- Bash like shell for linux with support for piping and redirection, written using system calls.

SCALABLE WEB CACHE DISTRIBUTED SYSTEMS | PYTHON

- Built a miniature scalable web cache for distributed setting which handles simultaneous requests from multiple clients.

SQL ENGINE DATABASE SYSTEMS | PYTHON

- Built a mini sql engine which runs a subset of SQL queries using command line interface.

DYNAMIC ZONE CLASSIFICATION DATA ANALYTICS | PYTHON

- Analyze dynamic changes in classification of water and energy zones of India using rainfall and temperature datasets.

AI BOT ARTIFICIAL INTELLIGENCE | PYTHON

- Developed an AI bot which plays ultimate tic tac toe (a version of tic tac toe) using various game techniques.

LIBRARY PORTAL WEB DEVELOPMENT | SQL, FLASK, JINJA TEMPLATES

- Created a library portal with all basic functionalities of an online library system.

SIGNAL PROCESSING SIGNAL ANALYSIS | PYTHON, MATLAB

- Worked on several signal processing problems such as decoding telephone numbers, converting sound to images, reordering of audio chunks, reconstruction of images, slide automation etc.

GAME DESIGNING GAME DEVELOPMENT | PYTHON, JAVASCRIPT, C++

- Designed several games like hangman, tic-tac-toe, space invaders, super mario, jetpack joyride, plane shooter, city surf

TREND ANALYSIS DATA ANALYSIS | PYTHON

- Computed spatial and temporal trend in Indian climate using hydrological data.