



CHUNDURU VENKATA SAI YASWANTH

Programmer at PAG

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Profile

An enthusiastic sophomore with a good grasp of programming, Data Structures and Algorithms and Data Science.

Education

2019 – present	IIT ROORKEE , Bachelor of Technology in Computer Science and Engineering CGPA : 9.33
2017 – 2019	Sri Chaitanya Junior College , Class XII CGPA : 9.86
2016 – 2017	Sri Chaitanya High School , Class X CGPA : 9.5

Skills

CPP	Data Structures and Algorithms	Java	C	Python	HTML	CSS	JS
Data Science	MySQL						

Professional Experience

2020 – present	Programming and Algorithm Group , Programmer Working as a member of PAG, supporting peers and juniors in guiding towards Competitive programming and preparing questions for juniors, assist juniors in doubt solving.
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Awards and Achievements

Aditya Birla Scholarship, Awarded by Aditya Birla Group of Companies to only 16 members from top 7 IIT's
Selected for PAG, Programming Club of IIT Roorkee
JEE Advaced, Secured an All India Rank of 317 out of 180 thousand candidates
JEE Mains, Secured All India Rank of 220 out of 1.2 million candidates
Merit Cum Means scholarship, Awarded scholarship by IIT Roorkee on merit basis.

Programming Career

5★ programmer at codechef, Rating : 2044

Expert Level at Codeforces, Rating : 1886 (Best Global Rank : 150)

Codechef April Cook-Off, Attained Global Rank 2 in April Cook-Off Challenge

Programmer at PAG, Selected for Programming club only 13 shortlisted among entire IIT Roorkee

Given over 150 contests of competitive programming on platforms like codechef, codeforces, AtCoder, Hacker Earth.

Projects

Data Structures and Algorithms, C++ and Java

Implemented all the data structures and some algorithms. Data structures include advanced structures like Segment tree(With Lazy propagation), Persistent Segment tree, Heaps and priority queues, Merge sort tree, Sparse Tables, Suffix structures of a string, Binary Search Trees, Trie Data structure.

Quora Question Pair Similarity, NLP Machine Learning

The main aim of this project is to predict which of the provided pairs of questions contain two questions with the same meaning, for features I used tf-idf word to vec and applied ML model

Digit Recognizer, Using K-NN and Keras

The main aim is to correctly identify digits from a dataset of ten thousand handwritten images.

Haberman's Survival Prediction, Machine Learning

The main aim of this project is to predict the survival of patients who had undergone surgery for breast cancer. first explored the data and implemented the random forest on Haberman's Survival Data Set

Salt Analysis, HTML and CSS

Made a project on salt analysis to help +2 students during their lab activities.

Organisations

2019 – 2020

National Cadet Corps (NCC), Cadet

Worked as a cadet and participate in social service, rallies and awareness on road safety

Hobbies, Playing Chess, Badminton and Cricket

Certificates

HackerRank 

Problem Solving Basic

HackerRank 

Problem Solving Intermediate

Coursera 

Interactivity with JavaScript

HackerRank 

Java Certification

LinkedIn

LinkedIn skill assessment badge for C++ and Machine Learning