

Mayank Taluja

INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY, HYDERABAD, INDIA ·

☎ (+91) 9640079035 | ✉ mtaluja11@gmail.com/mayank.taluja@research.iiit.ac.in

Education

International Institute of Information Technology

B.TECH AND MS BY RESEARCH IN ELECTRONICS AND COMMUNICATION ENGINEERING

HYDERABAD, INDIA

August 2016 - PRESENT

JEE Mains

INDIA 2016

- Scored 224 in JEE Mains 2016 and was among top 0.1% of the country.

JEE Advanced

INDIA 2016

- Qualified for JEE Advanced 2016 and was among top 0.1% of the country.

Projects

RESEARCH INTERN AT VLEAD

HYDERABAD, INDIA

May 2018 - July 2018

- Worked for Virtual Labs under the Ministry of Human Resource Development(MHRD) of the Government of India.
- Essence of the internship was to come up with a process to mass produce experiments to build online learning platforms like Coursera, which was completed successfully.
- Played several roles such as Subject Matter Expert, Instruction Engineer and Application Programmer.
- Built a virtual lab for Stacks and Queues Data Structure using Javascript.

Light Following Robot

HYDERABAD, INDIA

Mar 2017 - Apr 2017

- It is a mobile machine which is capable of detecting and following the light source.

Audio Amplifier

HYDERABAD, INDIA

Jan 2018 - Feb 2018

- Built a simple audio power amplifier that takes in sound signals of a certain volume (in decibels) and amplifies it to produce noise-free sound signals of a higher volume (in decibels) in a cost effective manner.

Water Flow Meter

HYDERABAD, INDIA

Feb 2018 - Present

- Working on a project which will calculate the flow of water

Achievements

ACM ICPC

ONLINE ROUND

November 2017

- Ranked 126th out of more than 3000 teams in ACM ICPC online round, 2017. ACM ICPC is the most prestigious programming contest in the world.

GOOGLE KICKSTART

August 2018

- Ranked 110th out of more than 2300 teams in the Round E of Google Kickstart, 2018.

Competitive Programming

CODECHEF AND CODEFORCES

- Ranked among top 15 Indians and top 30 all over the world in various contests organised by CodeChef
- Rating: 1557 on Codeforces (Best)
- Rating: 1952 on Codechef (Best)
- starbhai on Codeforces , mayankt123 on Codechef and starbhai on other online judges.
- Qualified for Round 2 in Google Code Jam 2018.

Skills

Languages

C, C++, Python, HTML, CSS, MATLAB, VERILOG, BASH

2016 - Present

Web Development

Javascript, MYSQL, SQLite

Program Committees

2017-
Present **Organizer & Co-ordinator**, IIIT Hyderabad Campus Life

HYDERABAD

Relevant Courses

Computer Science

Data Structures, Computer Programming, IT Workshop

HYDERABAD, INDIA

2016 - PRESENT

Mathematics

Graph Theory, Set Theory, Group Theory, Vectors, Probability

HYDERABAD, INDIA

2016 - Present

Electronics

Electrical Circuits, Digital Logic and Processors, Computer System Organization, Basic Electronic Circuits, Electrical Science - 1, Electrical Science - 2, Electronics Workshop - 1

HYDERABAD, INDIA

2016 - Present