SIDDHANT ATTAVAR

IOL SILVER MEDALLIST | APLO SILVER MEDALLIST | APIO BRONZE MEDALLIST | IOITC QUALIFIER | RISE GLOBAL WINNER | IRIS FINALIST

👤 ABOUT

I am a high school student at NPS Indiranagar. My main interests are competitive programming, linguistics, machine learning, and bioinformatics (particularly computational neuroscience). I have developed several apps and products which have won awards at the international level. I also have a keen interest in the International Linguistics Olympiad (IOL) and International Informatics Olympiad (IOI).

🏵 AWARDS

April 2023

Asia Pacific Linguistics Olympiad Silver Medallist
🏆 Asia Pacific Linguistics Olympiad

Secured an APLO silver medal with the highest score from India. Results: https://aplo.asia/results/aplo-2023-results/

February 2023

INOI Silver Medallist
🏆 Indian Association for Research in Computer Science

One of the top 30 students of India at the Indian National Olympiad of Informatics. Results: https://www.iarcs.org.in/inoi/2023/inoi2023/results_inoi2023.php#medals

September 2022

Rise Global Winner
🏆 Schmidt Futures, Rhodes Trust

Top 100 students selected to be part of the 2022 Rise Global Winner cohort out of 80,000 applicants. Rise is an initiative of Schmidt Futures and the Rhodes Trust that finds brilliant people who need opportunity and supports them for life as they work to serve others. Results: https://www.risefortheworld.org/global-winners

July 2022

International Linguistics Olympiad Silver Medallist
🏆 International Linguistics Olympiad, Lingomann

Received a silver medal in the International Linguistics Olympiad, 2022 held in Isle of Man, UK. Came 28th out of 200+ participants. Got the highest score from India. Results: https://ioling.org/results/2022/

May 2022

Asia Pacific Informatics Olympiad Bronze Medallist
🏆 Asia Pacific Informatics Olympiad

2nd place amongst Indian contestants in APIO. Results: https://www.apio2022.org/ranking

June 2021

GYSTB Second Prize Winner
🏆 Hong Kong Federation of Youth Groups

Second Prize at Global Youth Science and Technology Bowl 2021 for project "Stroke Monitoring And Rehabilitation using Technology". Results: https://hkfyg.org.hk/en/2021/06/25/gystb2021/

June 2021

Genius Olympiad Gold Award Winner
🏆 Genius Olympiad

Gold Award in Science Category of Genius Olympiad for project "Stroke Monitoring And Rehabilitation using Technology". Results: https://geniuscountries.s3.us-east-2.amazonaws.com/GENIUS_2020_2021_Awardee_List.pdf

April 2021

IOITC Qualifier
🏆 Indian Association for Research in Computer Science

One of the top 40 students of India to be selected for the International Olympiad of Informatics Training Camp. Results: https://www.iarcs.org.in/inoi/2021/inoi2021/results_inoi2021.php

January 2021

INSEF Regional and National Fair Gold Medallist
🏆 Science Society of India

Gold Medalist at INSEF National Fair for project "SMART: Stroke Monitoring And Rehabilitation using Technology". Results: http://sciencesociety.in/insef/INSEF_Valedictory_Presentation_2020_21.pdf

January 2020

IRIS National Fair 2020,21,22 Finalist
🏆 Exstemplar Education Foundation; Department of Science and Technology, India · Jan 2022

Top 100 projects at IRIS National Fair for my projects: 1. SimAID - an agent-based simulation model and decision support tool for pandemics; 2. SMART: Stroke Monitoring and Rehabilitation using Technology.; 3. DriveSafe: A smartphone app to monitor reckless driving behaviours. Results: https://www.irisnationalfair.org

January 2020

IITB Techfest Innovation Challenge Winner
🏆 Indian Institute of Technology, Bombay

Won 1st place in IITB Techfest's Innovation Challenge for my project "A smart Irrigation-as-a-Service (SIAS) solution for reducing water consumption in sugarcane".

April 2019

Asia Pacific Linguistics Olympiad 2019,22 Bronze Medallist
🏆 Asia Pacific Linguistics Olympiad

3rd place amongst Indian contestants in APLO. Results: https://aplo.asia/results/aplo-2019-results/

⎇ PROJECTS

SimAID - Simulating and Analyzing Infectious Diseases: A novel agent-based epidemiological model that allows policymakers to simulate and analyze intervention policies for various pandemics. See more: https://siddhantattavar.github.io/SimAID/

SMART - Stroke Monitoring And Rehabilitation using Technology: A technology based solution aimed at addressing the gaps in stroke rehabilitation services in India using EEG based brainwave anaysis and state-of-the-art machine learning techniques. See more: https://siddhantattavar.github.io/SMART/

DriveSafe - A smartphone app to monitor reckless driving behaviors: A smartphone application which uses inbuilt smartphone sensors to detect reckless driving behaviours in real-time and provide feedback in an effort to improve road safety in India. See more: https://siddhantattavar.github.io/DriveSafe/

◎ CONTACT

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🌐 https://siddhantattavar.github.io/

Github
SiddhantAttavar

LinkedIn
SiddhantAttavar

Stopstalk
SiddhantAttavar

Youtube
SiddhantAttavar

🏛 EDUCATION

2018 2023

National Public School, Indiranagar
🌐 https://www.npsinr.com/
🎓 High School Diploma

2014 2018

Inventure Academy
🌐 https://www.inventureacademy.com/
🎓 High School Diploma

≔ SKILLS

Bioinformatics

Python (Programming Language)

C++

Linguistics

Java

Data Structures and Algorithms

Android Development

C++

Computational Neuroscience

Linux

♥ INTERESTS

Competitive Programming

Linguistics

Computational Neuroscience