



SIDDHANT ATTAVAR

CS @ BITS PILANI | RISE GLOBAL WINNER '22 | IOL '22 | APIO '22 | ICPC REGIONALIST '23

ABOUT

I am a freshman studying Computer Science at Birla Institute of Technology and Science Pilani, Pilani Campus. My main interests are competitive programming, bioinformatics and neurotechnology. I have developed several projects which have won awards at the international level. I also have a keen interest in ICPC, IOL and IOI.

WORK EXPERIENCE

Undergraduate Researcher

Pursuing research on "Development of a Histopathology-based Cancer Diagnostic Platform using Machine Learning in a team of 4 under the SPARKLE (Student Program for Advancing Research, KnowLedge and Entrepreneurship) program"
October 2023 – Present

Birla Institute of Technology and Science Pilani, Pilani Campus

AWARDS

January 2024	ICPC Chennai Regional Participant 🏆 Inter Collegiate Programming Contest Received a rank of 22 in the India ICPC Chennai On-site Contest 2023. Results: https://cpc.codedrills.io/contests/icpc-chennai-2023-regional-round/scoreboard
November 2023	ICPC Chennai and Kanpur Regional Qualifier 🏆 Inter Collegiate Programming Contest Received a rank of 53 in the pan-India ICPC India Preliminary Contest 2023 and qualified for the Kanpur and Chennai regionals. Results: https://codedrills.io/contests/icpc-india-preliminary-2023/scoreboard
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.com/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.com/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.com/DriveSafe/

CONTACT

📍	L 1802 Brigade Metropolis, Mahadevapura, Whitefield, Bengaluru, India Bengaluru, India 560048 IND
✉	siddhantattavar12@gmail.com
🌐	https://siddhantattavar.com/
🐙	Github SiddhantAttavar
🌐	LinkedIn SiddhantAttavar
	Stopstalk SiddhantAttavar
📺	Youtube SiddhantAttavar

EDUCATION

2023 2027 (expected)	Birla Institute of Technology and Science Pilani, Pilani Campus 🌐 https://www.bits-pilani.ac.in/pilani 📖 Bachelor of Engineering (Hons.) Computer Science Grade: 9.6 CGPA Clubs and Activities Student Program for Advancing Research KnowLedge and Entrepreneurship (SPARKLE) Postman API Lab (Neurotech, Competitive Coding, App Development) Coding Club (Competitive Coding) Google Developer Student Chapter (Competitive Coding) Biology Association Inspired Karters Electric
2018 2023	National Public School, Indiranagar 🌐 https://www.npsinr.com/ 📖 High School Diploma

SKILLS

Bioinformatics
Data Structures and Algorithms
Computational Neuroscience
Machine Learning
Biotechnology
Python
C++
Linguistics

INTERESTS

Competitive Programming
Computational Biology
Brain Computer Interfaces