



# SIDDHANT ATTAVAR

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

## ABOUT

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

## AWARDS

November 2023	<b>ICPC Regional Finalist</b> 🏆 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: <a href="https://codedrills.io/contests/icpc-india-preliminary-2023/scoreboard">https://codedrills.io/contests/icpc-india-preliminary-2023/scoreboard</a> Received a rank of 53 in the pan-India ICPC India Preliminary Contest 2023 and qualified for the Kanpur and Chennai regionals. Results: <a href="https://codedrills.io/contests/icpc-india-preliminary-2023/scoreboard">https://codedrills.io/contests/icpc-india-preliminary-2023/scoreboard</a>
April 2023	<b>Asia Pacific Linguistics Olympiad Silver Medallist</b> 🏆 Asia Pacific Linguistics Olympiad  Secured an APLO silver medal with the highest score from India. Results: <a href="https://aplo.asia/results/aplo-2023-results/">https://aplo.asia/results/aplo-2023-results/</a>
February 2023	<b>INOI Silver Medallist</b> 🏆 Indian Association for Research in Computer Science  One of the top 30 students of India at the Indian National Olympiad of Informatics. Results: <a href="https://www.iarcs.org.in/inoi/2023/inoi2023/results_inoi2023.php#medals">https://www.iarcs.org.in/inoi/2023/inoi2023/results_inoi2023.php#medals</a>
September 2022	<b>Rise Global Winner</b> 🏆 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: <a href="https://www.risefortheworld.org/global-winners">https://www.risefortheworld.org/global-winners</a>
July 2022	<b>International Linguistics Olympiad Silver Medallist</b> 🏆 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: <a href="https://ioling.org/results/2022/">https://ioling.org/results/2022/</a>
May 2022	<b>Asia Pacific Informatics Olympiad Bronze Medallist</b> 🏆 Asia Pacific Informatics Olympiad  2nd place amongst Indian contestants in APIO. Results: <a href="https://www.apio2022.org/ranking">https://www.apio2022.org/ranking</a>
June 2021	<b>GYSTB Second Prize Winner</b> 🏆 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: <a href="https://hkfyg.org.hk/en/2021/06/25/gystb2021/">https://hkfyg.org.hk/en/2021/06/25/gystb2021/</a>
June 2021	<b>Genius Olympiad Gold Award Winner</b> 🏆 Genius Olympiad  Gold Award in Science Category of Genius Olympiad for project "Stroke Monitoring And Rehabilitation using Technology". Results: <a href="https://geniuscountries.s3.us-east-2.amazonaws.com/GENIUS_2020_2021_Awardee_List.pdf">https://geniuscountries.s3.us-east-2.amazonaws.com/GENIUS_2020_2021_Awardee_List.pdf</a>
April 2021	<b>IOITC Qualifier</b> 🏆 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: <a href="https://www.iarcs.org.in/inoi/2021/inoi2021/results_inoi2021.php">https://www.iarcs.org.in/inoi/2021/inoi2021/results_inoi2021.php</a>
January 2021	<b>INSEF Regional and National Fair Gold Medallist</b> 🏆 Science Society of India  Gold Medalist at INSEF National Fair for project "SMART: Stroke Monitoring And Rehabilitation using Technology". Results: <a href="http://sciencesociety.in/insef/INSEF_Valedictory_Presentation_2020_21.pdf">http://sciencesociety.in/insef/INSEF_Valedictory_Presentation_2020_21.pdf</a>
January 2020	<b>IRIS National Fair 2020,21,22 Finalist</b> 🏆 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: <a href="https://www.irisnationalfair.org">https://www.irisnationalfair.org</a>
January 2020	<b>IITB Techfest Innovation Challenge Winner</b> 🏆 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	<b>Asia Pacific Linguistics Olympiad 2019,22 Bronze Medallist</b> 🏆 Asia Pacific Linguistics Olympiad  3rd place amongst Indian contestants in APLO. Results: <a href="https://aplo.asia/results/aplo-2019-results/">https://aplo.asia/results/aplo-2019-results/</a>

## 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 applicantion 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

📍	<b>L 1802 Brigade Metropolis, Mahadevapura, Whitefield, Bengaluru, India</b> Bengaluru, India 560048 IND
✉	<a href="mailto:siddhantattavar12@gmail.com">siddhantattavar12@gmail.com</a>
🌐	<a href="https://siddhantattavar.com/">https://siddhantattavar.com/</a>
🐙	<b>Github</b> <a href="#">SiddhantAttavar</a>
🌐	<b>LinkedIn</b> <a href="#">SiddhantAttavar</a>
	<b>Stopstalk</b> <a href="#">SiddhantAttavar</a>
📺	<b>Youtube</b> <a href="#">SiddhantAttavar</a>

## EDUCATION

2023 2027 (expected)	<b>Birla Institute of Technology and Science Pilani, Pilani Campus</b> 🌐 <a href="https://www.bits-pilani.ac.in/pilani">https://www.bits-pilani.ac.in/pilani</a> 🎓 Bachelor of Engineering (Hons.) Computer Science
2018 2023	<b>National Public School, Indiranagar</b> 🌐 <a href="https://www.npsinr.com/">https://www.npsinr.com/</a> 🎓 High School Diploma
2014 2018	<b>Inventure Academy</b> 🌐 <a href="https://www.inventureacademy.com/">https://www.inventureacademy.com/</a> 🎓 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