

# Siddhant Attavar

CS @ BITS Pilani | Rise Winner '22 | ICPC World Finals '24 | IOL '22 | APIO '22

## About



L 1802 Brigade  
Metropolis,  
Mahadevapura,  
Whitefield, Bengaluru,  
India Bengaluru India  
560048 IND



siddhantattavar12@gmail.com

## Personal website



GitHub: SiddhantAttavar



LinkedIn:  
SiddhantAttavar

Stopstalk (Competitive  
Programming):  
SiddhantAttavar

## Neurotechnology

EEG EMG BCI

## Algorithms

Data structures

Graph Theory

## Machine Learning

LLM CNN SSL

## Programming Languages

Python C++ Java

## Interests

Competitive Programming

Brain Computer Interfaces

Computational Biology

## Experience

06/2024 - Present

Research Intern, Indian Institute of Technology Kharagpur

Developed machine learning models in OpenViBE for motor imagery classification in EEG data

10/2023 - Present

Undergraduate Researcher, SPARKLE, BITS Pilani

Worked on a histopathology based breast cancer diagnostic platform using machine learning

## Open Source Projects

**SimAID - Simulating and Analyzing Infectious Diseases** · [https://](https://siddhantattavar.com/projects/simaid)

siddhantattavar.com/projects/simaid

03/2021 - 02/2022

A computational epidemiological model designed to help public health policymakers find the optimal balance between public and economic health during pandemics and epidemics

**SMART - Stroke Monitoring And Rehabilitation using Technology** ·

<https://siddhantattavar.com/projects/smart>

04/2020 - 06/2021

A EEG based device that uses brainwave activity and neurofeedback techniques, as well as machine learning to assist stroke patients during diagnosis and rehabilitation

**DriveSafe** · <https://siddhantattavar.com/projects/drivesafe>

05/2019 - 02/2020

A mobile application which monitors driving behaviours and identifies reckless driving patterns

## Education

**Birla Institute of Technology and Science Pilani, Pilani Campus**

08/2023 - 05/2027

Bachelor of Engineering (Hons.) Computer Science | CGPA: 9.54/10.0

**National Public School, Indiranagar**

06/2018 - 04/2023

High School Diploma | 10th: 93.8%; 12th: 96.6%

## Awards

**ICPC World Finalist 2024**

Inter Collegiate Programming Contest

**Rise Global Winner 2022 (Top 100/80k)**

Schmidt Futures, Rhodes Trust

**International Linguistics Olympiad Silver 2022**

International Linguistics Olympiad

**Asia Pacific Informatics Olympiad Bronze 2022**

Asia Pacific Informatics Olympiad

**Asia Pacific Linguistics Olympiad Bronze 2019,22; Silver 2023**

Asia Pacific Linguistics Olympiad