

Mithil Vakde
B.Tech, IIT Bombay

Engineering Physics (8.59/10)
Graduation Year: 2023

Academic Achievements

International Olympiads: Invited to the Team India selection camp (Astronomy)
Among the 73 undergraduates selected nationwide for the NIUS physics program
Top 25 all India @ INAO | KVPY Fellowship – All India Rank 326

Professional Experience

Tata Industries – Intern, New ventures arm *Mar-Jun '23*
Evaluated business models: AgriTech sector | Regularly presented industry research to the **C-suite**: Deeptech sectors
Cofounder, Soilo *Feb-Aug '23*
Secured **INR 50K** in funding | Developed a marker recognition algorithm for drones
Research intern, Université Paris-Saclay *May-Jun '22*
In person @ Paris, France | **Discovered a correlation** between viral DNA content & light absorption

Leadership

Cabinet Head, Student Mentor Program (Recommended by **Deans** to run a 330+ member team) *2022-23*
Student rep @ IITB's Academic Rehab Committee | Led the post-COVID onboarding of **1.5K sophomores**
Coordinator, Aerial Robotics Team *2019-21*
Secured **INR 0.8M** in funding | **Reduced project costs** by 40% | Designed the recruit training program
Head choreographer, IIT Bombay Dance Team
1 Gold, 3 Silvers and **thrice finalists** (various years) @ IIITH, IITM, IIM-C, Inter-IITs, Mood Indigo

Tech Activities

Runner up, IBM Hackathon: Built a Twitter-monitoring AI tool
ML Engineer, UMIC: **Only freshman** to manage a subsystem (a role usually reserved for 3rd year students)
MELODE Labs, IITB: **Novel Idea**: Simulated a brain disorder using neuromorphic computing principles

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