

Omkar Milind Nitsure
210070057
Pursuing Honours in Electrical Engineering

CPI: XX.XX
2nd Year UG Btech student
DOB : 05/02/2003

ACADEMIC ACHIEVEMENTS:

- Received both Primary and Secondary Scholarships from Government of Maharashtra.
- Awarded with *Silver* and *Bronze* medals in Homi Bhabha Exam in 6th and 9th std.
- Honoured with *Certificate of Excellence in Mathematics* from IPM for 6 years.
- Matriculation: **97.6 %** , HSC: **93 %** (2019 and 2021)
- Selected in **top 100** students in National Physics Olympiad. (2021)
- Selected in **top 150** students in National Mathematics Olympiad. (2021)
- Selected in **top 300** students in National Chemistry Olympiad. (2021)
- **AIR 120** in JEE Mains 2021. (2021)
- **AIR 275** in JEE Advanced 2021. (2021)
- Currently pursuing *Minor in Artificial Intelligence and Data Science*.

ACADEMIC PROJECTS:

- **LEARNER'S SPACE:** (2022)
 - L^AT_EX
 - Web Development
 - Control Systems
 - Introduction to Blockchain
 - Tinkering Bootcamp
 - Entering Financial Markets
- **Personal Projects:**
 - Ball On a Plate, *Control Systems* (2022)
 - Shooting Balls Game in *CS101* (2021)
 - Created my own locally hosted website (2022)
 - Participated in robot fighting event of Techfest,IIT Bombay (2016)

Science Experimental Project:

- Created a basic chess Engine which allowed for human vs human gameplay, **throws an error at illegal moves**, in accordance with the rules. (2018)
 - Developed the control model of an inverted pendulum using Matlab and executed it in experience. (2022)
 - Developed a mini-robot for the School Science Exhibition. (2017)
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TECHNICAL SKILLS:

- **Languages:** C/C++, Python, Java, Bash
 - **Softwares:** Git, L^AT_EX, Matlab, Autocad, Solidworks, Android SDK, GNU octave
 - **Development:** HTML, CSS, Javascript, Django, Angular
 - **Key Courses:** Data structures and Algorithms + Lab, Quantum Information and Computing, Logic for Computer Science, Probability and Random Processes, Microprocessors, Control System + Lab, Electronics Design Lab, Operating Systems + Lab
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EXTRACURRICULAR ACTIVITIES:

- Awarded with **A** grade in Elementary Drawing Competition. (2016)
 - Awarded with **B** grade in Intermediate Drawing Competition. (2017)
 - Captained the school Table-Tennis team for 3 consecutive years in Interschool competitions.
 - Honoured as District Table-Tennis chaampion for 4 years.
 - Appointed as **Head Boy, Saraswati Secondary School** (2019)
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