

Rupadarshi Ray

rupadarshiray.github.io
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Second year BSMS student
IISER Mohali

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Background

Education

MS21, IISER Mohali 2021- · Mohali, Punjab
5 years BSMS

- current CPI: 8.21

Techno India Group Public School (TIGPS), Balurghat 2007-2020 · Balurghat, West Bengal
Primary, Middle and High School

- XII CBSE board: 93.6%
- X CBSE board: 90.6%

Courses history

Mathematics, Physics, Chemistry and Biology First and second years of BSMS · IISER Mohali
IISER Mohali core courses

- MTH101 - Symmetry - A
- MTH102 - Analysis in one variable - A
- MTH201 - Geometry of curves and surfaces - A ([lecture notes](#))
- PHY101 - Mechanics - B
- PHY102 - Electromagnetism - A
- PHY202 - Waves and optics - A
- IDC101 - Introduction to computers - A

Internship history

[NIUS 19.1, HBCSE-TIFR](#) December 2022 · HBCSE-TIFR, Mumbai
Undergraduate physics camp

- Attended talks about Quantum computation, history of phase transitions, phase transitions in Ising model and neural networks, etc.
- Attended laboratory sessions "experimental problem solving".

Skills

Computer skills

Programming Python, C, C++

Computational MATLAB, R

Design HTML, CSS, Adobe Illustrator

Involvement

Personal projects

- **Electronics project in XII:** Implementation of $A \cdot B + C$ using resistance-transistor logic