

Ishan Deore

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Recovering physics student. Now trying to study the social sciences

Passionate about teaching, creative coding and science communication

SKILLS

- Basic Programming (Julia and Javascript)
 - Technical Writing
 - Documentation
 - Research and Research Reporting
 - Teaching
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WORK EXPERIENCE

Deputy Manager, Ashoka University | Office of Admissions

Aug 2022 - Present

- Oversaw the development and implementation of a new application portal
- Automate and streamline admissions processes
- Conduct basic analysis of testing metrics and demographic data
- Read applications and interview applicants to the undergraduate programme

Freelance Web Developer

May 2018 - Present

- Build fairly simple websites and landing pages for various businesses, individuals and organizations
- Maintain about a dozen websites
- Build and troubleshoot small ecommerce stores

Freelance Math & Physics Tutor

Aug 2014 - Present

- Have tutored informally and professionally since high school
- Work with high-school & college learners on STEM education and college level math & physics prep work
- Help final year high-school students prepare for entrance exams and apply to universities

Research Assistant, University of Cincinnati

Aug 2015 - May 2019

- Debugged fortran code simulating collisions of axion stars
- Spotted and discarded non-physical results output by the simulation or PDE solver

Undergraduate Teaching Assistant, University of Cincinnati

Jan 2014 - Aug 2017

- Conducted problem solving sessions thrice a week
- Guided and supervised lab work
- Graded assignments, tests and quizzes. Proctored exams
- Held daily office hours

EDUCATION

- **Bachelor of Arts, Linguistics** | University of Pune | *Currently enrolled*
 - **Yates Fellow, Computational Physics** | University of Cincinnati | *Dropped out*
PhD program guided by Prof. Richard Gass.
 - **Bachelor of Science, Physics** | University of Cincinnati | *2018*
3.8/4.0 cumulative GPA.
Relevant Coursework: Undergraduate physics coursework with a strong background in mathematics including linear algebra, differential equations and numerical analysis.
 - **Associate of Science, Mathematics** | University of Cincinnati | *2018*
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SCHOLARSHIPS, PUBLICATIONS & AWARDS

- Chosen for the Yates Fellowship, a PhD program guided by Prof. Richard Gass in Computational Physics | *Did not complete*
 - Dean's List | *2016*
 - Received merit-based UC Global Outreach Scholarship for maintaining 3.8 cumulative GPA and 15 hours of community service per semester | *2014 - 2018*
 - I.Y. Deore and R. Gass, (*submitted, pending review*) : Alleviating the Hubble tension with colliding Dark Matter Axions | *2020*
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EXTRACURRICULARS & VOLUNTEER WORK

- Organizer, *Food not Bombs* (Cincinnati Chapter) | *2016 - 2019*
 - Cook, *Food not Bombs* (Lexington Chapter) | *2016 - 2019*
 - Trip Coordinator, *UC Mountaineering Club* | *2015 - 2018*
 - Volunteer tutor, *Cincinnati Public Schools* | *2014 - 2018*
 - Community Gardener, *Cincinnati Parks* | *2014 - 2018*
 - Vice President, *UC Astronomy Club* | *2016 - 2017*
 - Webmaster, *UC Indian Students Association* | *2015 - 2016*
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LANGUAGES

English, Hindi, Marathi