

Ishita Pandey

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EDUCATION

Manipal Institute of Technology, M.A.H.E

Computer Science and Engineering

Manipal, Karnataka, India

2020-2024

- College - 2nd Year Student, receiving 4-year academic scholarship
- Current GPA 9.78/10.00

Kodaikanal International School

Kodaikanal, Tamil Nadu, India

2017-2020

- International Baccalaureate - 42/45, High School Diploma Cumulative GPA of 3.955/4.00
- 98% in 12th Grade, 98% in 10th Grade

WORK EXPERIENCE

AIIESEC in M.A.H.E(international org. for cross-cultural internships, global volunteer exchanges)

Head of Social Sector, Incoming Global Volunteers

Dec 2021- Feb 2023

- Providing volunteers from abroad stimulating experiences by joining them with volunteer organizations in Manipal, India. Leading a department of 15 members to conduct interviews, select applicants, manage finances, business development prospects and conduct meetings with top heads of organizations to create partnerships focussed on UN Sustainable Development Goals.

Association of Computing Machinery's Council on Women in Computing (ACM-W)

Membership Chair

2021-2022

- Organized workshops and webinars about Research Opportunities in CS, Placement advice and profile building, #IamRemarkable Google Workshop. Increased number of participants by 50%

International Society of Automation, Student Chapter at Manipal

Team Leader of Artificial Intelligence Team for Fieper competition

2021-2022

- Establishing computer vision on the Industrial level
- Leading team of six members to build OpenCV based programs to read analogue gauges, detect fires and flares. Final aim is to incorporate with bipedal robot and create a field operator robot.

Flag Green Newsletter Club, Kodaikanal International School

Founding President, Editor in Chief

2019-2020

- Founded a club for participation of students in the school's Flag Green Newsletter, to showcase and further develop writing and photography skills of students. Student written articles increased by 20%, reader's base increased by 40%.

TECHNICAL PROJECTS - <https://github.com/IshitaP26/ISA-Taskphase.git>.

- Implemented concepts of linear regression, logistic regression in Machine Learning, sorting data and applying regressions without using built-in libraries
- Implemented computer vision programs using OpenCV to create digital invisibility cloak, detect ball on screen, automatically play the Google offline dino game. Currently working on forming a Rubik's cube solver using Kociemba
- Selected for the *Stanford Code in Place Program* out of 50,000 applications. Month-long intensive course on Python basics, image and data processing.
- Pursued and excelled in the training program of Professional C programming
- Completed MATLAB Onramp Course on MATLAB - <https://matlabacademy.mathworks.com/progress/share/certificate.html?id=c497c301-66cf-4f3b-8f7c-455afc809d7f>

ACHIEVEMENTS & EXTRA CURRICULARS

- Poetry published in the anthology *Random Jazbatt*, launched on Amazon, Kindle, Flipkart and other platforms. Launched on Amazon - <https://www.amazon.in/dp/B08M6JJYG9>. My chapter in the anthology: <https://play.google.com/books/reader?id=OGIHEAAAQBAJ&hl=en&pg=GBS.PA39>.
- Avid contributor in building smokeless stove and chimney installations in village houses of Palani Hills, India. Educated the females regarding safe menstruation practices and the importance of inculcating hygienic habits in their children
- Led team to organize seven charity and fundraising events. Organized the first-ever school wide Talent Show with 55 participants and an audience of 300 people. All earnings donated to the International Red Cross Organization.

SKILLS & INTERESTS

Skills: C, Python, Java, OpenCV functions, Numpy, Pandas and Matplotlib libraries in Python, implementing machine learning regressions, Basics of Linux and Shell Scripting, CSS, HTML, Javascript, SQL basics, Microsoft Office, Canva. Languages - English, Hindi, French

Interests: Artificial intelligence, machine learning, deep learning, computer vision, and also guitar, badminton, writing