



Atharva Pathak

Astronomer,
Educator,
Developer

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Personal Profile

I am an IT Engineer with an experience in Web & Software Development, Astronomy Outreach, graphic visualizations as well as development of applications & resources for Education. 9+ year experience in Astronomy Outreach and Education.

Educational Training

PES Modern College of Engineering (Pune University)

B.E. Information Technology

- Passed out in 2018 with 72.00 percentile and First class with distinction.
- HSC & SSC Maharashtra State Board First Class with distinction.
- Course on Multiple Operating System Installation(9 Operating Systems) at Sunbeam-CDAC
- Course in Basic and Practical Astronomy & Elementary Positional Astronomy by Jyotirvidya Parisanstha, Pune
- Course in Classical Mechanics by Massachusetts Institute of Technology (MIT)
- Course on Realtime Rendering using OpenGL and Direct-X. 1.5 Year course by Astromedcomp
- Designed course for University faculty on Fundamentals of Astronomy using Stellarium with IUCAA

Career Summary

Software Engineer

Pune Knowledge Cluster
July 2022 to present

Project Assistant

Inter-University Centre for Astronomy & Astrophysics, Pune
Aug 2020 to June 2022

- Developing, scheduling, publicizing and conducting astronomy outreach activities including workshops for schools & colleges, stage events, sky-watching sessions, mobile planetarium shows, social media events etc.
- Liaising with astronomers and preparation of astronomy outreach resources.
- Helping conduct regular IUCAA outreach activities, its documentation etc.

Project Intern : Online Outreach

Inter-University Centre for Astronomy & Astrophysics, Pune
Oct 2018 to Aug 2020

Professional Skills

Coding Languages:

C-C++, Python, HTML-JS, Android-Java.

Frameworks/Systems:

Win32 SDK, MVC, COM, Visual Studio, OpenGL, DirectX, OpenCV, OpenCL, CUDA

References

Prof Surhud More

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Samir Dhurde

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