ATHARVA DHAMANKAR

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OBJECTIVE

I am a versatile problem solver and an avid out-of-the-box thinker. I'm really interested in research and I love learning from and being around passionate researchers and thinkers. Also, I love teaching and am often told that I have a good knack for its art.

EDUCATION

B.S. in Data Science & Programming | IIT Madras

PRESENT-2025

CGPA: 8.6

Have studied data structures, advanced statistics and gained moderate experience in coding in python. I have grasped the fundamental mathematics of Machine Learning thus gaining a clear & intuitive understanding of its structure.

B.E. in Computer Science | A. P. Shah Institute of Technology

PRESENT-2024

CGPA: 8.7

Apart from the college curriculum, I have participated in and successfully won the first prize in the "Smart City Hackathon" which was hosted in our college for our project idea "Priority-based Traffic Signal Manipulation".

SKILLS

- Fluent python coder
- Strong Logical reasoning and critical analysis
- Out of the box thinker
- Technical Skills:
  - Python, JavaScript, Java, Vue, C, HTML/CSS
- Resourceful problem solver due to strong fundamentals
- An excellent teacher

ACTIVITIES

I'm really passionate about how I can use technology to solve real-life problems. In my opinion, technology has provided us with the means to bridge the gaps of inequality and injustice prevalent in society but along with powerful technology, skilled and passionate people who are able and willing to develop this technology are required to do so.

Apart from that, science just excites me and the curiosity of finding out why something works the way it does and maybe can it be made to work in a better way is what drives me.

I think that research is done best when you are not working towards a goal, but working just for the sake of enjoying the process and when you seek the thrill of discovering/rediscovering anything, be it a new

concept or even an old one. And though I hope that one day the work that I do, may contribute to this mass effort of collective research, of which scientists worldwide are, my passion stems from my curiosity towards this world, while I think humanitarianism is just a byproduct, though a positive one, of my work.

PROJECTS

A few projects that I have created/worked on are:

1. **Linear-Mapping Image Compressor:**
   A Hilbert curve function based image compressor

2. **MoodleDrive**:

   A dynamic system wrapper to convert our local LMS system into a drive to store and retrieve files remotely.

3. **Custom Playlist Injector:**
   A custom appscript based youtube playlist customizer that uses javascript injection to push the current plying song into a prefixed youtube playlist on one click.