



Sina Ataei

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Personal Profile

A University of Leeds graduate student who is enrolled in the Data Science and Analysis programme. Dedicated to software engineering, having two or more years of expertise, and specialising in full-stack web development, algorithms, and machine learning. Searching mostly for Machine Learning, Data Engineer, and Python Development positions.

Education

University of Leeds

Leeds, UK

MSc in Data Science and Analysis

Sept 2021 - Current

- Head of School International Excellence Scholar
- Working as a PAL Mentor
- **Courses:** Data Science, Programming for Data Science, Knowledge Representation and Reasoning, Statistical Theory and Methods, Learning Skills through Case Studies, Artificial Intelligence, Machine Learning, Statistical Learning

Madhav Institute of Technology and Science

Gwalior, India

BTech in Information Technology

May 2016 - May 2020

- Graduated with Distinction
- Selected for Industrial Visit among the top of the class

Atomic Energy Central School

Indore, India

High School

Apr 2014 - Apr 2016

- Passed with Distinction
- Specialised in Physics, Chemistry, and Maths with Computer Science

Work Experience

Indian Institute of Technology

Indore, India

Software Engineer

Sept 2020 - Aug 2021

- Collaborated with a four-person team to develop a CNN model that utilised YOLO as a foundation to improve the accuracy of ambient lighting conditions in the Mobile net architecture.
- Automated and optimised the data handling process for traffic signs, working with Ubuntu 20.04 did shell scripting, and employed other Linux tools.
- Significantly boosted the model's accuracy by 60%, which was yielding an accuracy of 70-78% under Indian street light. The older models, had an accuracy of 10-15%.
- **Technical Skills:** Python with PyTorch, NumPy, Matplotlib, Pandas, Scikit-learn, C++, Ubuntu Linux, Linux tools, Apt, Scripting, Git.
- **Soft Skills:** Teamwork, Time Management, Communication, Presentation skills.

Skills

Programming Python (Pandas, PyTorch, NumPy, Scikit-learn. etc.), R(ggplot2), PHP, C/C++, HTML/CSS, JavaScript, SQL.

Miscellaneous Linux, Shell (Bash/Zsh), \LaTeX (Overleaf/R Markdown), Tableau, Microsoft Office, Firebase, Git.

Soft Skills Time Management, Teamwork, Problem-solving, Documentation, Engaging Presentation.

Interests

Cooking I love cooking. I am an expert in most Indian-style cooking, enjoy baking and making my own pizza.

Linux Since 2017, I have been in love with Linux. I recently switched to Mac OS, which feels like a premium of Linux.

Technical Writing I write descriptive blogs about Linux some of them are on my GitHub and Medium.

Art I have always enjoyed drawing since I was a child. Recently, I have shifted to digital art mostly on Deviantart.

Video Games I always had the gaming gene. I mostly play on my phone and occasionally on my switch.

Swimming I started swimming when I was 12. Going through submerged things while holding my breath was the most exciting part.