

Rishi P Sivakumar

rishi.sivakumar10@gmail.com | rishi22@iiserb.ac.in | [LinkedIn](#) | [Github](#)

Bhopal, Madhya Pradesh, India

Education

Indian Institute of Science Education and Research (IISER) Bhopal, India 2022-2026

BS Data Science and Engineering CPI - 7.07 / 10

Kendriya Vidyalaya Indian Institute of Science, India 2020-2022

High School - Physics, Chemistry, Mathematics, Computer Science 91.2 %

Experience

Data Science Intern May 2025 - July 2025

SpectraX Management LLC - Houston, TX, USA - On-site

- Built a robust ML-based document classifier for bulk upload of distorted, scanned documents.
- Used Tesseract for OCR, Python libraries such as OpenCV, scikit-learn, and numpy, and packaged the tool.
- Learned how to adapt to dynamic project requirements and gained valuable insights on industry requirements in document processing.

Projects

Psychometric Analysis of LLMs December 2024

VisDom Lab, IISER Bhopal, India

- Implemented a paper on benchmarking LLMs' psychological portrayal and reproduced experiments to evaluate multiple LLMs on psychological assessment benchmarks.
- Tool used - **PyTorch**.
- Gained experience in psychometric evaluation of LLMs and experiment reproducibility.

Classification of Satellite Images using Deep Learning November 2024

Course Project

- Trained a Convolutional Neural Network (CNN) on a Kaggle dataset to create a deep learning model to classify satellite images.
- Tool used - **PyTorch**
- Gained practical experience in the end-to-end model development workflow.

Skills

| | | | | | | |
|-------------------|---------------------|-----------------|---------------|--------------|------------|------------|
| PyTorch | scikit-learn | OpenCV | pandas | numpy | SQL | Git |
| Matplotlib | Stata | HTML/CSS | C | | | |

Leadership & Activities

Co-founder April 2025

Helped found the first student-led AI Cell of IISER Bhopal - VISTAR (VISION for Technology and AI Research)

Department Representative September 2024 - April 2025

Acted as a liaison between faculty and students to ensure smooth operation of courses and exams.