Gautam Rajhans

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Symbiosis Institute of Technology | [LinkedIn](#)

PERSONAL STATEMENT

An enthusiastic computer science engineer with research interests in ML/DL and Data Science to be used to ameliorate societal issues creatively

KEY ACHIEVEMENTS

- **Certificate**: Machine Learning A-Z: AI, Python & R by Hadelin de Ponteves (Udemy)
- **Certificate**: Google Cloud GenAI (Google Cloud Skill Boost)
- **Winter School**: Algorithmic Foundations of Data Science at NISER Bhubaneswar
- **Hackathon:** Developed a "Website Visual Testing and Accessibility rating tool" at HackRx 4.0 organised by Bajaj Finserv which was conducted on 21st July 2023
- **Capstone Project:** Trained a Language Model on the Transformer Architecture in Python
- **Capstone Project:** Sentiment Analysis for Stock Price Prediction in Python
- **NTSE level 1** (National Talent Search Examination)
- **MTSE** (Maharashtra Talent Search Examination)
- **Qualified for RMO** (Regional Maths Olympiad)

EDUCATION

BTech: Symbiosis Institute of Technology, Pune (2022 - 2026)
- BTech in **Computer Science & Engineering**
- CGPA: 8.6

Class XII: Fergusson College, Pune (2020 – 2022)
- Percentage: 90.67%

Class X: Jnana Prabodhini Prashala, Pune (2020)
- Percentage: 98.6%

RESEARCH PROJECTS

- Started as an intern at SCAAI(Symbiosis Centre of Applied Artificial Intelligence) working in the medical imaging domain.
- Predicting and classifying ovarian cancer using images of tissue microarray
  Guides: Dr.Rupali Gangarde, Dr. Sita Devi
- Subjective Answer Evaluation using LLM + NLP under the AI Club of Symbiosis
  Worked with various distance measures like Cosine Similarity and Word Movers Distance

EXTRACURRICULAR

ACM SummerSchool, IIT Gandhinagar (July 2024)
- ACM India along Microsoft Research and LINGO Lab at IIT-GN had organised a summer school on 'Generative AI for Text'.
- Topics such as transformer architecture,various fine-tuning methods, dialog systems,scaling laws of LLMs,LLM agents as well as evaluation and benchmarking of NLP datasets were covered.

ACM SummerSchool, IIT Madras (June 2024)
- ACM India along with CeRAI(Centre for Responsible AI) had organised a summer school on 'Responsible and Safe AI'.
- I have learnt many topics such as streaming Algorithms, Randomised Algorithms, Property Testing on Graphs, Clustering, Sketching and Sampling Techniques and Transformers in Python

ACM Winter School, NISER Bhubaneswar (Dec 2023)
- The Association for Computing Machinery had organised a winter school on 'Algorithmic Foundations of Data Science'.
- I have learnt many topics such as streaming Algorithms, Randomised Algorithms, Property Testing on Graphs, Clustering, Sketching and Sampling Techniques and Transformers in Python

Technical Executive of Codex, SIT (Aug 2023 – present)
- Helped to conduct hands-on workshops in college on GitHub, Rust programming language, and Competitive Coding
- Preparing weekly assignments for first and second year students to enhance their C++ and Java skills

Cloud Computing Lead at Google Developer Students Club, SIT (Sept 2023 – present,previously Co-Lead)
- Conducted Google Cloud Study Jams and helped students learn and get certified in Cloud Fundamentals
- Conducted an introductory session on Cloud Computing and the Google Cloud Platform

Technical Team Member, AI Club SIT (Sept 2023 – present)
- Visualisation of IPL data using Power BI
- Wrote an article for the club explaining how Google Deep Mind's Alpha Geometry works
- Working on a project 'Evaluation of Subjective Answers'
- Worked for the club to organise 'Prompt Painters' during the college Techfest, an AI image generation event.

SKILLS, INTERESTS & EXTRACURRICULAR ACTIVITIES

- **Programming Languages:** Python, C, C++, MATLAB, Java, R
- **Data Science:** Power Bi, numpy, pandas, matplotlib, seaborn
- **NLP:** NLTK library, Word2Vec, Transformer models on Hugging Face
- **ML/DL:** Tensor flow, PyTorch, Scikit-learn, Hugging Face, Kaggle
- **Cloud:** Use of APIs such as DialogFlow, Speech to Text on Google Cloud Platform
- **Languages:** English, Hindi, Marathi