Anjishnu Saw

Undergraduate 3rd

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Profile Summary

Motivated and research-driven aspiring **Data Scientist/Machine Learning Undergraduate** with a strong academic foundation and proven experience in developing practical, data-centric solutions. Eager to apply **advanced machine learning, deep learning, and analytical modeling** techniques to solve complex industry problems. Seeking an **internship** opportunity to enhance domain expertise, collaborate with cross-functional teams, and contribute effectively from the outset through **innovative thinking, rigorous experimentation, and results-oriented** project development. Published **5+ research papers, 2 with patents applied**, demonstrating a commitment to **academic rigor** and **impactful contributions**. Adept at transforming theoretical concepts into real-world applications through collaborative project execution. Dedicated to utilizing data for innovation, improve decision-making, and deliver measurable business value.

Research experience

1. A hybrid approach for Efficient CPU Scheduling | Principal Investigator — ***Kuala Lumpur, Malaysia*** | *08.04.2025*

- Presented at **SCI-2025 – Springer**; built a PyTorch-based scheduling algorithm boosting CPU performance by 23%.
- Deployed the solution on Ubuntu, resulting in approximate 17% reduction in runtime variance

2. Classification and Comparative Analysis of Hazardous Asteroids | Co-Author — ***Bengaluru, India*** | *01.08.2025*

- Mentored student in building a ML pipeline for hazard classification
- Enabled approximately 38% faster preliminary asteroid risk assessment using optimized visual analysis pipelines.

3. Lung Cancer Prediction using Machine Learning Techniques | Guide — ***Bengaluru, India*** | *01.08.2025*

- Co-authored and supervised the execution of an ML pipeline for early-stage cancer detection.
- Improved classification accuracy by 18% over baseline logistic regression methods.

4. A Novel Method to Test Digital ICs | Principal Investigator — ***Bhubaneswar, Odisha*** | *21.02.2025*

- Invented and a novel digital IC testing approach. Presented the work at **ICIDeA-2025 - IEEE**
- Patent Filed – **German Patent Number : 2025051919495515DE**

5. A Fusion Approach to Predict Stock Prices | Principal Investigator — ***Hyderabad, Andhra Pradesh*** | *20.12.2024*

- Developed and deployed a fusion-based forecasting model with 5% higher accuracy, presented at **ICISSC-2024 – Springer**.
- Patent Application Submitted – KIIT DU, Bhubaneswar India

Education

1. **Kalinga Institute of Industrial Technology (KIIT)** | Bachelor of Technology in CSE — *Bhubaneswar, Odisha* | *07.2023 - Present*
   4th Semester in Computer Science and Engineering
   CGPA: **9.47/10** (Credit Index – **814**)
2. **Indian Institute of Technology Madras (IITM)** | Bachelor of Science in Electronic Systems — *Madras, Tamil Nadu* | *09.2023 - Present*
   5th Term in Electronic Systems
3. **Complete ML Boot Camp** | Certification Course — *Online* | *07.2023*

Skills

1. **Languages & Tools**: Python, Java, C, C++, Git
2. **Libraries & Frameworks**: PyTorch, Scikit-learn, Matplotlib, Pandas, NumPy
3. **ML/DL Concepts**: Supervised & Unsupervised Learning, GANs, Transformers
4. **Soft Skills**: Multilingual (English, Hindi, Bengali), Academic Writing, Presentation, Team Collaboration

Projects

1. **Stock Point**
   A stock market forecasting platform based on my conference paper.
   - Developed a custom time-series forecasting pipeline using hybrid ML techniques and deployed the solution on web using Vercel.

2. **ML Playground**
   Designed an interactive ML visualization tool to simplify learning of model behaviors.
   - Incorporated real-time adjustment of parameters to visualize performance shifts.