

RISHI AHUJA

EDUCATION

- **Dr. B. R. Ambedkar National Institute of Technology Jalandhar** • B.Tech. with Research in Information Technology • 2024–2028
CGPA: 8.42/10
Relevant Coursework: Probability and Computing, Design and Analysis of Algorithms, Data Structures, Discrete Structures, Formal Languages and Automata Theory

PUBLICATIONS & MANUSCRIPTS

- **ICFD-31k: A Large-Scale Dataset and Benchmark for Real-Time Conversational Fraud Detection** ↗
Rishi Ahuja, Kumar Prateek & Simranjit Singh
Published and presented (Bremen, Germany), IJCAI-ECAI 2026 Main Conference, AI for Social Good Track (ICORE A)*
- **Do LLM Reviewers Respect Scope? ScopeBench-PR: A Benchmark for Scope Fairness in Peer Review** ↗
Rishi Ahuja, Kumar Prateek & Simranjit Singh
Accepted and presented (Bremen, Germany), GlobalSouthAI at IJCAI-ECAI 2026
★ **Best Paper Presentation Award**
- **Retrieval Mechanisms Surpass Long-Context Scaling in Time Series Forecasting** ↗
Rishi Ahuja, Kumar Prateek, Simranjit Singh & Vijay Kumar
Published and presented (Rio de Janeiro, Brazil), TSALM at ICLR 2026
- **DoubtBench: Does Self-Doubt Help Language Models—or Just Make Them Check?**
Rishi Ahuja, Rajeev Ranjan Dwivedi & Vinod K. Kurmi
Under review at WSDM 2027 (ICORE A)
- **PSGR-Bench: Evaluating Evidence-Grounded Product Problem Recovery from Long, Heterogeneous Workplace Histories**
Rishi Ahuja & Rajeev Ranjan Dwivedi
Under review at AAAI 2027 (ICORE A)*
- **It's Not What the Scammer Says, It's How You Reply: Small Scam Detectors Judge Code-Mixed Fraud Calls by the Victim**
Rishi Ahuja, Kumar Prateek & Simranjit Singh
Under Review to the AAAI 2027 Student Abstract Program

RESEARCH & INDUSTRY EXPERIENCE

- **Cisco** • Incoming Software Engineering Intern • Summer 2027
- **MHI Lab, Northwestern University, Chicago, IL** ↗ • Undergraduate Researcher • Aug 2026–Present
Working on medical image analysis under the guidance of Prof. Ulas Bagci, with an initial focus on 3D pancreas and tumor segmentation.
- **Zenbase Technologies, Singapore** • Software Engineering Intern • Dec 2025–May 2026
Worked on infrastructure for stateful AI systems and multi-step automation workflows. Built staging and CI/CD infrastructure and implemented asynchronous workers for webhook-heavy integrations.
- **Annam.ai, IIT Ropar** • Research Intern, AI Systems • Jun 2025–Mar 2026
Worked on agricultural AI systems spanning model training, evaluation, and large-scale inference

on H100/H200 infrastructure. Built classification and inference pipelines and contributed to Sugam and Kisaan Mithraa. Presented experimental results and technical progress to project GOI and stakeholders.

ACHIEVEMENTS & SERVICE

- **GlobalSouthAI at IJCAI-ECAI 2026** • Best Paper Presentation Award • 3MT Runner-up
 - **Reviewer, GlobalSouthAI at NeurIPS 2026**
 - **Reviewer, FMSD Workshop at ICML 2026**
 - **ICLR 2026 Grant** • \$1,600
 - **IJCAI-AIJ 2026 Grant** • \$1,000
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RESEARCH INTERESTS

- Trustworthy machine learning, LLM evaluation and security, instruction–data separation, retrieval-augmented systems, and robustness to adversarial or misleading evidence
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SKILLS

- **ML/Research:** PyTorch, Hugging Face Transformers, scikit-learn, Pandas, NumPy, retrieval, reranking, LLM evaluation, LangGraph
- **Programming/Systems:** Python, C++, C, Rust, Bash, Docker, PostgreSQL, MongoDB, Redis, AWS, Git