

RUCHIRA DHAR

PhD Researcher

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Summary

PhD Researcher in Artificial Intelligence focused on the science of LLM evaluation and responsible AI, with publications at top conferences. My goal is to combine technical depth with cross-disciplinary expertise to inform human-centric AI development and deployment.

Experience

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| Flowrite Oy AI Scientist | Helsinki, Finland 02/2022 - 06/2023 |
| Dynamic early stage startup in productivity enhancement with Generative AI | |
| <ul style="list-style-type: none">Designed and led model evaluation pipelines for generative LLMs used in writing productivity toolsDeveloped large-scale annotation and user feedback frameworks to align model outputs with end-user intent | |
| Cerence Inc NLG Engineer | Pune, India 05/2021 - 02/2022 |
| World-leading enterprise on language & speech technology in automotive industry | |
| <ul style="list-style-type: none">Engineered NLG and speech recognition modules for multilingual voice assistants across 10+ languagesConducted evaluation for speech-driven interactions in real-world automotive settings | |
| Kore AI Associate Engineer | Hyderabad, India 01/2021 - 05/2021 |
| Established enterprise focused on AI solutions for enterprise communication. | |
| <ul style="list-style-type: none">Developed production-ready chatbot solutions leveraging intent classification and entity recognition modelsCollaborated with cross-functional teams to deliver AI-powered enterprise tools for customer engagement | |
| Indian Institute of Technology (IIT) Delhi Junior Research Fellow | Delhi, India 09/2020 - 12/2020 |
| Premier research institution | |
| <ul style="list-style-type: none">Advanced research on multilingual semantic annotation pipelines in NLP | |

Education

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|---|---------------------------------------|
| University of Copenhagen PhD in Computer Science | Copenhagen, Denmark 2023 - Present |
| The English and Foreign Languages University MA in Linguistics GPA: 10.0 / 10.0 | Hyderabad, India 2018 - 2020 |
| <ul style="list-style-type: none">Top 1% of class with the highest grade in yearCourses: Formal Semantics, Mathematical Linguistics, Natural Language Processing | |

Leadership & Affiliations

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| Creator Fund Entrepreneurship Fellow | 2025 - Present |
| Engaging and evaluating early-stage tech startups with a focus on product, infrastructure, and technical diligence. | |
| Cohere Labs Community Lead | 2024 - Present |
| Leads outreach and research community initiatives for 200+ global AI researchers. | |
| Centre of Philosophy of AI Research Fellow | 2023 - Present |
| Leading research initiatives in investigating socio-ethical implications of AI systems. | |

Skills

Artificial Intelligence · Large Language Model (LLM) · Deep Learning · Machine Learning · Natural Language Processing · Interpretability

Languages & Libraries · Python · R · HTML · Markdown · Bash · PyTorch · HuggingFace · Spacy · Numpy · Pandas

Tools · Git · Github · Jupyter · Google Colab · Weights & Biases · JIRA · Confluence · Latex · DevOps · AWS

RESEARCH

Annual AAAI Conference, AAAI, Singapore, 2026 – Forthcoming

Realist and Pluralist Conceptions of Intelligence and Their Implications on AI Research

Accepted for publication

Second Author

The Science of Benchmarking and Evaluating AI, EurIPS Workshop, 2025 – <https://tinyurl.com/ynjr8jrn>

EvalCards: A Framework for Standardized Evaluation Reporting

First Author

The Science of Benchmarking and Evaluating AI, EurIPS Workshop, 2025 – Forthcoming

On the Measure of a Model: From Intelligence to Generality

First Author

AI, Ethics, and Society (AIES), AAAI/ACM, Madrid, 2025 – <https://tinyurl.com/y5yn57cb>

Beyond Technocratic XAI: The Who, What & How in Explanation Design

Published work in designing and implementing XAI systems with ethical considerations

First Author

Association of Computational Linguistics ((ACL), Vienna, 2025 – <https://tinyurl.com/4tjpp5ce>

Evaluating Multimodal Language Models as Visual Assistants for Visually Impaired Users

Published work in evaluating multimodal models.

In-Between Author

Empirical Methods in Natural Language Processing (EMNLP), Florida, USA, 2024

– <https://tinyurl.com/y3kddjyy>

Defining Knowledge: Bridging Epistemology and Large Language Models

Published work in defining and evaluating epistemological notions for LLMs

Second Author

Unireps Workshop, Neural Information Processing Systems (NeurIPS), Vancouver, Canada, 2024

– <https://tinyurl.com/4czxpyyt>

Investigating the role of modality and training objective on representational alignment between transformers and the brain

Published work in evaluating language and multimodal models on brain data alignment

Joint First Author

LLM & Cognition Workshop, International Conference on Machine Learning (ICML), Vienna, Austria, 2024

– <https://tinyurl.com/5n6p3rzh>

From Words to Worlds: Compositionality For Cognitive Architectures

Presented work on evaluating compositional reasoning in Large Language Models

First Author

Languages

English Native ●●●●●

Hindi Native ●●●●●

Bangla Native ●●●●●