

# Kinshuk Vasisht

 kinshukv@iisc.ac.in  
 kinshuk-h.github.io

 kinshuk-h  
 kinshuk-vasisht

## EDUCATION

**Indian Institute of Science**, Bengaluru, India  
*Ph.D. Computer Science & Engineering*, 2023 —  
Department of Computational and Data Sciences  
Advisor: Prof. Danish Pruthi

Year 1–2, 2023–25

CGPA: 9.2 / 10

**University of Delhi**, Delhi, India  
*M.Sc. in Computer Science*, 2021–2023  
*B.Sc. (H) Computer Science*, 2018–2021

CGPA: 9.70 / 10 (Univ. Rank 1)

CGPA: 9.82 / 10 (Univ. Rank 3)

## PUBLICATIONS

**The Role of Compositions for Cross-Lingual Knowledge Transfer** 2025  
Kinshuk Vasisht, Prarabdh Shukla, Danish Pruthi

- Devised a controlled setup to attribute the role of data compositions towards cross-lingual knowledge transfer.
- Findings highlight the diminishing returns of increasing parallel data, the utility of knowledge dispersion and the equitable benefits for knowledge transfer by use of language mixing.
- Under review for ARR, January 2026.

**Knowledge Graph Guided Evaluation of Abstention Techniques** 2024  
Kinshuk Vasisht, Navreet Kaur, Danish Pruthi

- Developed a benchmark to evaluate techniques used to enforce abstention in language models, grounded in a knowledge graph (KG). Aims to assess effectiveness, generalization and specificity of these techniques.
- Focus on benign concepts from a KG allows isolating the effects of safety training, while leveraging the hierarchy of concepts from the KG allows evaluating generalization and specificity of abstention techniques.
- Published in *Main Conference of NAACL 2025*:  
<https://aclanthology.org/2025.naacl-long.353>
- Project Repository: <https://github.com/kinshuk-h/SELECT>

**Uncovering Geographical Disparities in Generated Stories and Travel Recommendations** 2024  
Kirti Bhagat, Kinshuk Vasisht, Danish Pruthi

- Quantified geographical disparities that surface in real-world applications for widely deployed language models, focusing on travel recommendations and story generation.
- Published in *Findings of NAACL 2025*:  
<https://aclanthology.org/2025.findings-naacl.262>

**Infusing Knowledge into Language Models with Contextual Prompts** 2023  
Kinshuk Vasisht, Balaji Ganesan, Vikas Kumar, Vasudha Bhatnagar

- Infused knowledge in language models by using sentences retrieved from a knowledge-rich corpus during fine-tuning, alleviating the need for structured knowledge sources.
- Major Dissertation for M.Sc. Computer Science at University of Delhi, in collaboration with **IBM**, as part of the Global Remote Mentoring program.
- Published in *Proceedings of ICON 2023*: <https://aclanthology.org/2023.icon-1.65>

## EXPERIENCE

**Internship @ Google DeepMind India, Bengaluru**  
Host: Vihari Piratla

Jun-Aug 2025

- Interned as a Student Researcher at Google DeepMind India, focusing on improving multilingual evaluations for foundational models such as Gemini.

## PROJECTS

**Paragraph Curation for Legal Text Analytics**

Jul-Dec 2022

- Curated a dataset of paragraphs extracted from judgments scraped from the websites of Indian Courts, intended for building models for legal text analytics.

- Minor Dissertation for M.Sc. Computer Science at University of Delhi, under *Prof. Vasudha Bhatnagar* in collaboration with the Faculty of Law.
- Project repository: <https://github.com/kinshuk-h/LT-Crawler>

**Filesystem Operations - fsop**

Feb 2022

- C++ project for demonstrating filesystem operations using system calls.
- Includes a self-written implementation of an argument parser.
- Project repository: <https://github.com/kinshuk-h/fsop>

**MorForm**

2019

- Android application using OpenCV for form management: scan images as PDF forms and maintain data for identified fields.
- Project repository: <https://bitbucket.org/kinshuk-h/morform>

**TEACHING EXPERIENCE**

**Teaching Assistant**, Indian Institute of Science, Bengaluru, India

Jan–Apr 2024

- Supported the [DS-207: Introduction to NLP](#) course by conducting tutorial sessions, grading assignments, and providing one-on-one assistance to students, enhancing their understanding of NLP concepts and applications.
- Developed an automatic evaluation utility for grading assignments for the course: <https://github.com/kinshuk-h/autoval>

**Teaching Assistant**, Indian Institute of Science, Bengaluru, India

Aug–Dec 2024

Assisted in the delivery of the [DS-307: Ethics in AI](#) course, facilitating discussions on ethical considerations in AI development and implementation.

**ACCOLADES & EXTRA-CURRICULARS**

**Junior Research Fellowship**

Dec 2022

Cleared UGC-NET with JRF Fellowship, awarded to the top 10% of applicants which clear the exam.

Score: 206/300

**DataThon - IndoML 2022, IIT Gandhinagar**

Developed a model for document type classification from an image-only dataset (RVL-CDIP) using BERT over OCR-recognized text, with the use of coarse region information to improve accuracy. Ranked 4th amongst 106 teams.

**SKILLS**

**Languages:** C, C++, Python, Java, JavaScript, Bash, SQL, L<sup>A</sup>T<sub>E</sub>X.

**Frameworks & Libraries:** PyTorch, TensorFlow, `transformers`

**Relevant Courses:** Introduction to Causality Models, Stochastic Models and Applications, Topics in Artificial Intelligence, Machine Learning, Deep Learning, Data Mining