

## Neel Guha

Ph.D. Student in Computer Science, admitted Summer 2021

### Publications

---

#### PUBLICATIONS

- **A Reasoning-Focused Legal Retrieval Benchmark**

Zheng, L., Guha, N., Arifov, J., Zhang, S., Skreta, M., Manning, C. D., Henderson, P., Ho, D. E., ACM ASSOC COMPUTING MACHINERY.2025: 169-193

- **An Architecture Search Framework for Inference-Time Techniques**

Saad-Falcon, J., Lafuente, A., Natarajan, S., Maru, N., Todorov, H., Guha, E., Buchanan, E., Chen, M., Guha, N., Re, C., Mirhoseini, A. edited by Singh, A., Fazel, M., Hsu, D., Lacoste-Julien, S., Berkenkamp, F., Maharaj, T., Wagstaff, K., Zhu, J. JMLR-JOURNAL MACHINE LEARNING RESEARCH.2025: 52475-52507

- **AI Regulation Has Its Own Alignment Problem: The Technical and Institutional Feasibility of Disclosure, Registration, Licensing, and Auditing** *GEORGE WASHINGTON LAW REVIEW*

Guha, N., Lawrence, C. M., Gailmard, L. A., Rodolfa, K. T., Surani, F., Bommasani, R., Raji, I., Cuellar, M., Honigsberg, C., Liang, P., Ho, D. E. 2024; 92 (6): 1473-1557

- **Prospector Heads: Generalized Feature Attribution for Large Models & Data.** *ArXiv*

Machiraju, G., Derry, A., Desai, A., Guha, N., Karimi, A. H., Zou, J., Altman, R. B., Ré, C., Mallick, P. 2024

- **Understanding Liability Risk from Using Health Care Artificial Intelligence Tools.** *The New England journal of medicine*

Mello, M. M., Guha, N. 2024; 390 (3): 271-278

- **THE STATE STATUTES PROJECT** *WISCONSIN LAW REVIEW*

Guha, N., Zambrano, D. 2024

- **PRIVATE ENFORCEMENT IN THE STATES** *UNIVERSITY OF PENNSYLVANIA LAW REVIEW*

Zambrano, D. A., Guha, N., Peters, A., Xia, J. 2023; 172 (1)

- **ChatGPT and Physicians' Malpractice Risk.** *JAMA health forum*

Mello, M. M., Guha, N. 2023; 4 (5): e231938

- **Gamesmanship in Modern Discovery Tech** *LEGAL TECH AND THE FUTURE OF CIVIL JUSTICE*

Guha, N., Henderson, P., Zambrano, D. A. edited by Engstrom, D. F. 2023: 112-132

- **Don't Use a Cannon to Kill a Fly: An Efficient Cascading Pipeline for Long Documents**

Li, Z., Guha, N., Nyarko, J., ACM ASSOC COMPUTING MACHINERY.2023: 141-147

- **Embroid: Unsupervised Prediction Smoothing Can Improve Few-Shot Classification**

Guha, N., Chen, M. F., Bhatia, K., Mirhoseini, A., Sala, F., Re, C.

edited by Oh, A., Neumann, T., Globerson, A., Saenko, K., Hardt, M., Levine, S.  
NEURAL INFORMATION PROCESSING SYSTEMS (NIPS).2023

- **LEGALBENCH: A Collaboratively Built Benchmark for Measuring Legal Reasoning in Large Language Models**

Guha, N., Nyarko, J., Ho, D. E., Re, C., Chilton, A., Narayana, A., Chohlas-Wood, A., Peters, A., Waldon, B., Rockmore, D. N., Zambrano, D., Talisman, D., Hoque, et al

edited by Oh, A., Neumann, T., Globerson, A., Saenko, K., Hardt, M., Levine, S.  
NEURAL INFORMATION PROCESSING SYSTEMS (NIPS).2023