

NICHOLAS EDWARDS

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EDUCATION

- University of Vienna**, PhD Computer Science 2025 - present
Supervisor: Sebastian Schuster
- University of Edinburgh**, MSc Speech & Language Processing 2021 - 2022
(*A programme combining computer science, engineering and linguistics*)
Result: Distinction
- University of Cambridge**, BA Linguistics 2018 - 2021
Result: First Class

PROFESSIONAL EXPERIENCE

- University College London** September 2024 - August 2025
Research Assistant London, UK
- Working on a project investigating using LLMs as autonomous research agents, in collaboration with Boston University (funded by Open Philanthropy).
 - Supervisors: Sebastian Schuster (UCL) & Najoung Kim (Boston)
- Cohere** January 2024 - August 2025
Senior Data Quality Specialist - RAG Data Science (contractor) London, UK
- Curating high-quality human-annotated training data to improve the data science-related capabilities of Cohere's LLMs.
 - Combining skills in coding (Python, SQL) and writing to create training examples encompassing database exploration and understanding.
- Sense Street** September 2022 - September 2023
NLP Data Scientist London, UK
- Worked on all aspects of the machine learning pipeline, from data annotation through to model finetuning, working with state-of-the-art language models for novel classification and information extraction tasks in the financial domain.
- Sense Street** July - September 2021
Computational Linguist Intern London, UK

RESEARCH EXPERIENCE

- [\[paper\]](#) Edwards, N., Lee, Y., Mao, Y. A., Qin, Y., Schuster, S., & Kim, N. (2025). RExBench: Can coding agents autonomously implement AI research extensions?. arXiv preprint arXiv:2506.22598.
- [\[paper\]](#) Edwards, N., Rohde, H., & Coxe-Conklin, H. (2023). Anaphoric Structure Emerges Between Neural Networks. In *Proceedings of the Annual Meeting of the Cognitive Science Society*.
- Presented as a poster at CogSci 2023

TECHNICAL SKILLS

- | | |
|------------------------------|---|
| Programming Languages | Python, SQL, Bash, R |
| Libraries | pytorch, transformers, scikit-learn, numpy, pandas, matplotlib, spacy, nltk |
| Other Tools | Git, Docker, AWS |

OTHER SKILLS

Natural Languages	English (native), Russian (fluent), German (advanced), French (intermediate)
Music	Organ (freelance work for church services, weddings, funerals), Piano