

# NICHOLAS EDWARDS

Kolingasse 14-16, 1090 Wien, Austria  
nicholas[at]univie.ac.at · <https://nedwards99.github.io/>

## 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

---

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

**OTHER SKILLS**

---

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