

Zdeněk Kasner

LLM RESEARCHER · LECTURER · CURIOUS PERSON

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About me

I became interested in language models before they became *large*. Then I have spent some time researching how to make them better. Now I enjoy helping people to take full control of LLMs and AI tools in general and showing them how to work on relevant things in the AI-infused times.

What can I offer

I can provide help with the following:

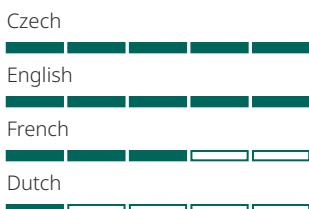
- Popularization lectures on AI.
- Technical workshops on LLMs.
- Consultations on anything related to my expertise.

I am registered as a self-employed person (IČO: 06845762) and can issue invoices for my services.

Skills & Knowledge



Languages



Certificates

Certificate of Proficiency in English (C2)
Cambridge Level 3 in ESOL International

RESEARCH & SOFTWARE DEVELOPMENT

since 09/2024

Postdoctoral Researcher

FACULTY OF MATHEMATICS AND PHYSICS, CHARLES UNIVERSITY

📍 PRAGUE, CZECHIA

Research on large language models (LLMs): controllable text generation and evaluation under the ERC grant NG-NLG (Next-Generation Natural Language Generation).

09/2019

09/2024

- PhD Research Assistant

FACULTY OF MATHEMATICS AND PHYSICS, CHARLES UNIVERSITY

📍 PRAGUE, CZECHIA

Research on data-to-text generation with neural language models.

02/2023

05/2023

- Research Intern

MILA – QUEBEC AI INSTITUTE

📍 MONTRÉAL, CANADA

Research on collaborative LLM agents, advised by Siva Reddy.

10/2021

12/2021

- Research Intern

HERIOT-WATT UNIVERSITY

📍 EDINBURGH, UK

Research on data-to-text generation from knowledge graphs, advised by Ioannis Konstas.

01/2019

09/2019

- Software Developer & Researcher

ROBOT PERCEPTION GROUP, CIIRC CTU IN PRAGUE

📍 PRAGUE, CZECHIA

Natural language understanding for an automated production line and a collaborative robotic workspace.

06/2018

09/2018

- Research Intern

KDDI RESEARCH, INC.

📍 SAITAMA, JAPAN

Developing an augmented reality annotation system.

07/2016

08/2017

- Software Developer

AI CENTER, FEE CTU IN PRAGUE

📍 PRAGUE, CZECHIA

Implementing a search engine with intermodal routing for public transport.

04/2015

07/2016

- Software Developer

CESNET

📍 PRAGUE, CZECHIA

Developing a module for device classification in a high-throughput system for network traffic analysis (NEMEA).

TEACHING & LECTURING

since 2026

Neural Language Models (NI-NLM)

FIT CTU

📍 PRAGUE, CZECHIA

Preparing a new course from scratch, teaching lectures and labs.

since 2025

Computational Creativity

DIDAKTIKON UK

📍 PRAGUE, CZECHIA

Interactive workshop for primary and secondary schools.

since 2024

Large Language Models (NPFL140)

MFF UK

📍 PRAGUE, CZECHIA

Assisting with lectures and assignments.

2023-2025

Introduction to Machine Learning with Python (NPFL129)

MFF UK

📍 PRAGUE, CZECHIA

Lab teaching.

2022

Introduction to Linux (NSWI177)

MFF UK

📍 PRAGUE, CZECHIA

Lab teaching (inverted class: no lectures).

2020

Programming I (NPRG030) & Introduction to Algorithms (NPRG062)

MFF UK

📍 PRAGUE, CZECHIA

Lab teaching, preparing and evaluating assignments.

Volunteering

Board of European Students of Technology (2014 – 2019)

Communication and cooperation with students of European universities of technology, organizing courses and engineering competitions.

Organizer

- DGT Summer School Luxembourg, 2025
Co-organizer, speaker
- PracticalD2T Workshop @ INLG 2024
Co-organizer
- PracticalD2T Workshop @ INLG 2023
Main organizer
- SIGDIAL & INLG 2023
Local organizer

Awards

- Best short paper at INLG 2025 (Onderková et al., 2025)
- Joseph Fourier Prize organized by French Embassy in Prague, 2nd place (2025)
- Honorable mention CU Grant Agency award (2023)
- Outstanding reviewer at EACL 2021
- Best short paper at INLG 2020 (Dušek and Kasner, 2020)

EDUCATION

10/2019 09/2024	- PhD in Computational Linguistics FACULTY OF MATHEMATICS AND PHYSICS, CHARLES UNIVERSITY • Thesis: Domain Adaptation for Natural Language Generation • Advisor: Ondřej Dušek	📍 PRAGUE, CZECHIA
07/2016 06/2019	- Master in Artificial Intelligence FACULTY OF ELECTRICAL ENGINEERING, CZECH TECHNICAL UNIVERSITY IN PRAGUE • Thesis: Incorporating Language Models into Non-autoregressive Neural Machine Translation • Dean award & minor degree in Computer Vision	📍 PRAGUE, CZECHIA
09/2017 02/2018	- Erasmus+ KATHOLIEKE UNIVERSITEIT LEUVEN Courses from Master of AI.	📍 LEUVEN, BELGIUM
09/2013 06/2016	- Bachelor in Computer Science FACULTY OF INFORMATION TECHNOLOGY, CTU IN PRAGUE • Thesis: Flow-Based Classification of Devices in Computer Networks • Graduated with honors	📍 PRAGUE, CZECHIA

SELECTED PUBLICATIONS

- 2026 Zdeněk Kasner, Vilém Zouhar, Patrícia Schmidtová, Ivan Kartáč, Kristýna Onderková, Ondřej Plátek, Dimitra Gkatzia, Saad Mahamood, Ondřej Dušek, and Simone Balloccu, "LLMs as Span Annotators: A Comparative Study of LLMs and Humans", in *Proceedings of the 2026 Workshop on Multilingual Multicultural Evaluation, co-located with EACL 2026*, 2026.
Zdeněk Kasner, and Ondřej Dušek, "AnimatedLLM: Explaining LLMs with Interactive Visualizations", in *Proceedings of 2026 TeachingNLP Workshop, co-located with EACL 2026*, 2026.
Danil Semin, Ondřej Dušek, and Zdeněk Kasner, "Strategies for Span Labeling with Large Language Models", *arXiv:2601.16946*, 2026.
- 2025 Kristýna Onderková, Ondřej Plátek, Zdeněk Kasner, and Ondřej Dušek, "FreshTab: Sourcing Fresh Data for Table-to-Text Generation Evaluation", in *Proceedings of the 18th International Natural Language Generation Conference*, 2025.
- 2024 Xing Han Lu, Zdeněk Kasner, and Siva Reddy, "WebLNX: Real-World Website Navigation with Multi-Turn Dialogue", in *Proceedings of the ICML 2024*, 2024.
Zdeněk Kasner, and Ondřej Dušek, "Beyond Traditional Benchmarks: Analyzing Behaviors of Open LLMs on Data-to-Text Generation", in *Proceedings of the ACL 2024 (Volume 1: Long Papers)*, 2024.
Zdeněk Kasner, Ondřej Plátek, Patrícia Schmidtová, Simone Balloccu, and Ondřej Dušek, "factgenie: A Framework for Span-based Evaluation of Generated Texts", in *Proceedings of the 17th International Natural Language Generation Conference (System Demonstrations)*, 2024.
- 2023 Zdeněk Kasner, Ekaterina Garanina, Ondřej Plátek, and Ondřej Dušek, "TabGenie: A Toolkit for Table-to-Text Generation", in *Proceedings of the ACL (Volume 3: System Demonstrations)*, 2023.
Zdeněk Kasner, Ioannis Konstas, and Ondřej Dušek, "Mind the Labels: Describing Relations in Knowledge Graphs With Pretrained Models", in *Proceedings of the EACL 2023*, 2023.
- 2022 Zdeněk Kasner, and Ondřej Dušek, "Neural Pipeline for Zero-Shot Data-to-Text Generation", in *Proceedings of the ACL 2022 (Volume 1: Long Papers)*, 2022.
- 2021 Zdeněk Kasner, Simon Mille, and Ondřej Dušek, "Text-in-Context: Token-Level Error Detection for Table-to-Text Generation", in *Proceedings of the INLG 2021*, 2021.
- 2020 Ondřej Dušek, and Zdeněk Kasner, "Evaluating Semantic Accuracy of Data-to-Text Generation with Natural Language Inference", in *Proceedings of the INLG 2020*, 2020.
Zdeněk Kasner, and Ondřej Dušek, "Data-to-Text Generation with Iterative Text Editing", in *Proceedings of the INLG 2020*, 2020.
Zdeněk Kasner, and Ondřej Dušek, "Train Hard, Finetune Easy: Multilingual Denoising for RDF-to-Text Generation", in *Proceedings of the INLG 2020 (WebNLG+ Workshop)*, 2020.
Zdeněk Kasner, Jindřich Libovický, and Jindřich Helcl, "Improving Fluency of Non-Autoregressive Machine Translation", *arXiv:2004.03227*, 2020.