



About me

I got 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 self-employed (IČO: 06845762) and can issue invoices for my services.

Skills & Knowledge

Computer Science	Python	NLP
Machine Learning	LLMs	AI

Languages

Czech	██████████
English	██████████
French	██████████
Dutch	██████████

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 Research on large language models (LLMs): controllable text generation and evaluation under the ERC grant NG-NLG (Next-Generation Natural Language Generation). 📍 PRAGUE, CZECHIA
from 09/2019 to 09/2024	PhD Research Assistant FACULTY OF MATHEMATICS AND PHYSICS, CHARLES UNIVERSITY Research on data-to-text generation with neural language models. 📍 PRAGUE, CZECHIA
from 02/2023 to 05/2023	Research Intern MILA – QUEBEC AI INSTITUTE Research on collaborative LLM agents, advised by Siva Reddy. 📍 MONTRÉAL, CANADA
from 10/2021 to 12/2021	Research Intern HERIOT-WATT UNIVERSITY Research on data-to-text generation from knowledge graphs, advised by Ioannis Konstas. 📍 EDINBURGH, UK
from 01/2019 to 09/2019	Software Developer & Researcher ROBOT PERCEPTION GROUP, CIIRC CTU IN PRAGUE Natural language understanding for an automated production line and a collaborative robotic workspace. 📍 PRAGUE, CZECHIA
from 06/2018 to 09/2018	Research Intern KDDI RESEARCH, INC. Developing an augmented reality annotation system. 📍 SAITAMA, JAPAN
from 07/2016 to 08/2017	Software Developer AI CENTER, FEE CTU IN PRAGUE Implementing a search engine with intermodal routing for public transport. 📍 PRAGUE, CZECHIA
from 04/2015 to 07/2016	Software Developer CESNET Developing a module for device classification in a high-throughput system for network traffic analysis (NEMEA). 📍 PRAGUE, CZECHIA

TEACHING & LECTURING

since 2026	Neural Language Models (NI-NLM) FIT CTU Preparing a new course from scratch, teaching lectures and labs. 📍 PRAGUE, CZECHIA
since 2025	Computational Creativity DIDAKTIKON UK Interactive workshop for primary and secondary schools. 📍 PRAGUE, CZECHIA
since 2024	Large Language Models (NPFL140) MFF UK Assisting with lectures and assignments. 📍 PRAGUE, CZECHIA
from 2023 to 2025	Introduction to Machine Learning with Python (NPFL129) MFF UK Lab teaching. 📍 PRAGUE, CZECHIA
2022	Introduction to Linux (NSWI177) MFF UK Lab teaching (inverted class: no lectures). 📍 PRAGUE, CZECHIA
2020	Programming I (NPRG030) & Introduction to Algorithms (NPRG062) MFF UK Lab teaching, preparing and evaluating assignments. 📍 PRAGUE, CZECHIA

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

from 10/2019
to 09/2024

PhD in Computational Linguistics

FACULTY OF MATHEMATICS AND PHYSICS, CHARLES UNIVERSITY  PRAGUE, CZECHIA

- **Thesis:** Domain Adaptation for Natural Language Generation
- **Advisor:** Ondřej Dušek

from 07/2016
to 06/2019

Master in Artificial Intelligence

FACULTY OF ELECTRICAL ENGINEERING, CZECH TECHNICAL UNIVERSITY IN PRAGUE  PRAGUE, CZECHIA

- **Thesis:** Incorporating Language Models into Non-autoregressive Neural Machine Translation
- Dean award & minor degree in Computer Vision

from 09/2017
to 02/2018

Erasmus+

KATHOLIEKE UNIVERSITEIT LEUVEN

 LEUVEN, BELGIUM

Courses from Master of AI.

from 09/2013
to 06/2016

Bachelor in Computer Science

FACULTY OF INFORMATION TECHNOLOGY, CTU IN PRAGUE

 PRAGUE, CZECHIA

- **Thesis:** Flow-Based Classification of Devices in Computer Networks
- Graduated with honors

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, "WebLINX: 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.