

Kevin Stowe, PhD.

<https://kevincstowe.github.io/>

✉ kevincstowe@gmail.com

☎ +49 01523 6253271

SUMMARY OF QUALIFICATIONS

1. NLP expertise across a wide variety of tasks: deep learning, text classification, dialogue systems, and more. Track record of producing quick, effective results for difficult problems, with linguistic analysis to ensure meaningful analysis and results.
2. Strong programming experiencing, with daily software development Python. Technical expertise across a variety of platforms and languages.
3. Innovative collaborations with scientists, students, community members, and industry partners to generate impactful results.
4. Joint PhD. in Linguistics and Computer Science, focusing on machine learning and computational linguistics.

TOOLS

RESEARCH

- Critical thinking, creative problem solving, technical writing, and software development.
- Research projects in natural language processing, computational linguistics, and AI for social good.

TECHNOLOGY

- Deep learning, transformers, embedding- and feature-based systems.
- PyTorch, Tensorflow, Gensim, and HuggingFace for deep learning.
- ScikitLearn, NLTK, Spacy, and CoreNLP for traditional NLP tasks.
- Comfortable quickly picking up new tools and frameworks as necessary.

NATURAL LANGUAGE PROCESSING

- Hands on experience with nearly all NLP and computational linguistics tasks.
- Sentiment analysis, word/sentence classification, named entity recognition, generation, dialogue agents.
- Substantial experience managing linguistic data collection: collection, annotation, adjudication, and publication.

WORK EXPERIENCE

POSTDOCTORAL RESEARCHER | TECHNICAL UNIVERSITY OF DARMSTADT

2019 - Present | Darmstadt, Germany

- Collaborate on metaphor generation systems with internal and external colleagues yielding state-of-the-art results.
- Assist student development through managing projects in software development and supervising Bsc. and Msc. thesis.
- Provide paper writing and review support, within-lab group management, and yearly retreat organization.

RESEARCH ASSISTANT | UNIVERSITY OF COLORADO, BOULDER

2013-2019 | Boulder, CO

- Published innovative new techniques for text classification for novel metaphor detection.
- Collaborated with social science researchers to produce new methodology and software for understanding social media responses in crises.
- Built and supported lexical resources and related research projects.

EDUCATION

UNIVERSITY OF COLORADO | JOINT PHD IN LINGUISTICS/COMPUTER SCIENCE

July 2019 | Boulder, CO • GPA: 3.93

Dissertation: Syntactic and Semantic Improvements to Computational Metaphor Processing

INDIANA UNIVERSITY | MA IN COMPUTATIONAL LINGUISTICS | DEC 2011 | BLOOMINGTON, IN

MICHIGAN STATE UNIVERSITY | BA IN LINGUISTICS | MAY 2009 | EAST LANSING, MI