

# Kevin Stowe, PhD.

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

✉ kevinstowe@gmail.com

☎ +49 01523 6253271

## 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

Linguistics Coursework: Computational Semantics • Construction Grammar • Formal Logic • Syntactic Theory

CS Coursework: NLP • Machine Learning • Programming Languages • User-Centered Design • Computation for Research

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

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

## WORK EXPERIENCE

**UKP AT TU DARMSTADT** | POSTDOCTORAL RESEARCHER

2019 - Present | Darmstadt, DE

NLP researcher in the Ubiquitous Knowledge Processing (UKP) group under the direction of Prof. Dr. Iryna Gurevych.

Research projects include creative language generation and NLP for social good.

- Develop research plans
- Mentor junior lab members
- Instruct NLP courses/seminars
- Assist with grant writing
- Coordinate reading groups
- Supervise student theses

**CU BOULDER** | RESEARCH ASSISTANT

2013-2019 | Boulder, CO

Grant supported PhD research, as well as various other projects.

- Metaphor Detection
- Crisis informatics
- Lexical resources management
- Embeddings for lexical resources
- NLP for natural hazards
- VerbNet/SemLink/PropBank

**FINDMYAUDIENCE** | NLP CONSULTANT

[HTTPS://FINDMYAUDIENCE.WORDPRESS.COM/](https://findmyaudience.wordpress.com/)

2015 | Boulder, CO

Identified possible audiences for authors and publishing companies using NLP tools. Developed methods for identifying consumer interests from social media and other sources using continuous word representations and latent semantics models.

## SKILLS

### NLP TOOLS

HuggingFace • Tensorflow • Pytorch • Scikit Learn • Keras • NLTK

Native

Native

Python

English

### SOFTWARE

Git • Windows/Linux/iOS • Bash •  $\LaTeX$  • Microsoft Office/OpenOffice

Fluent

Fluent

Java

German

### PROFESSIONAL

Technical writing/copy editing • Project coordination • Creative problem solving

Beginner

Beginner

C++, PERL, PHP

Russian

## RECENT PUBLICATIONS

For a full list, see <https://kevinstowe.github.io/cv>

### METAPHOR PROCESSING

• Stowe, Kevin; Palmer, Martha. [Linguistic Analysis Improves Neural Metaphor Detection](#). in Proceedings of the 23rd Conference on Natural Language Learning (CoNLL), pg 362-371. 2019

### CRISIS INFORMATICS

• Stowe, Kevin; Anderson, Jennings; Palmer, Martha; Palen, Leysia; Anderson, Kenneth M. [Improving Classification of Twitter Behavior During Hurricane Events](#). in Proceedings of the Workshop on Natural Language Processing for Social Media (SocialNLP), held with ACL. pg 67-75. 2018.