

# Kevin Stowe, PhD.

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## WORK EXPERIENCE

### UKP AT TU DARMSTADT | POSTDOCTORAL RESEARCHER

2019 - Present | Darmstadt, DE

Working in the Ubiquitous Knowledge Processing (UKP) group under the direction of Prof. Dr. Iryna Gurevych. Research projects include computational approaches to creative language, crisis informatics, and text analytics for social good. Develop research plans, assist with grant writing, mentor junior lab members, coordinate within-lab research groups.

### FINDMYAUDIENCE | NLP CONSULTANT

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

2015 | Boulder, CO

Identified possible audiences for authors and publishing companies for a growing start-up. Developed methods for identifying consumer interests from social media and other sources using continuous word representations and latent semantics models.

### AVAYA | NLP RESEARCHER

2013 | Boulder, CO

Machine learning analysis of social media to determine trends in user interactions with public company sites. Identified differences in positive and negative reactions to a variety of companies using topic modelling on social media, allowing for better interaction between companies and customers.

## SKILLS

### PROFESSIONAL

Collaboration • Technical writing • Resource management • Critical thinking

### NLP TOOLS

HuggingFace • NLTK • Scikit Learn • Keras • TensorFlow • Gensim

### SOFTWARE

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

Native

English

Fluent

German

Beginner

Russian

Native

Python

Fluent

Java

Beginner

C++, PERL, PHP

## EDUCATION

### UNIVERSITY OF COLORADO | JOINT PHD IN COMPUTATIONAL LINGUISTICS

July 2019 | Boulder, CO • Cum. GPA: 3.93

Linguistics Coursework: Computational Semantics • Construction Grammar • Formal Logic • Syntax

CS Coursework: 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

## RECENT PUBLICATIONS

For a full list, see <https://kevincstowe.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.