

Kevin Stowe, PhD.

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EDUCATION

UNIVERSITY OF COLORADO | JOINT PHD IN LINGUISTICS/COMPUTER SCIENCE

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

Dissertation: Syntactic and Semantic Improvements to Computational Metaphor Processing (adv. Martha Palmer & Jim Martin)

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

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

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.

CU BOULDER | RESEARCH ASSISTANT

2013-2019 | Boulder, CO

PhD research supported by numerous grants and projects. Primarily involved with analyzing and updating lexical semantic resources (ie. VerbNet), machine learning for creative language, and interfacing with the computer science department on crisis informatics projects, applying state-of-the-art NLP technology to improve responses to crisis events.

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.

SKILLS

PROFESSIONAL

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

NLP TOOLS

HuggingFace • Pytorch • Scikit Learn • Keras • NLTK

SOFTWARE

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

Native

Python

Fluent

Java

Beginner

C++, PERL, PHP

Native

English

Fluent

German

Beginner

Russian

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.