



# Kenneth Steimel

## Résumé

### Education

- 2015–Present **Doctor of Philosophy**, *Indiana University*, Bloomington, 3.9.  
Linguistics with an Emphasis in Computational Linguistics
- Computer Science Minor
- 2011–2015 **Bachelor of Arts**, *University of Missouri*, Columbia, 3.9.  
Linguistics – Summa Cum Laude with Honors
- Honors Thesis on Wanga Noun Tone
  - Computer Science Minor

### Experience

#### Vocational

- 2018–Present **Associate Instructor**, *Indiana University*, Bloomington, Indiana.  
I am one of the Associate Instructors for **Introduction to the Study of Language**.
- 2016–2018 **Student Editor**, *The LINGUIST List*, Bloomington, Indiana.  
I edit Calls for Papers, Conferences, Queries and other smaller posting areas for the website. In addition, I have been involved with LINGUIST List projects like the LFG parser and the redesign of the website.
- 2015–2017 **Information Technology Services Temp**, *Panera Bread*, St.Louis, Missouri.
- Development of scripts and platforms for integration of Hadoop into existing database ecosystem
  - Coordination of capacity planning data with Big Data consulting companies:
    - Creation of scripts to automate data flow into clusters using platform independent solutions
    - Preprocessing of data for machine-learning
  - Automation of server stand-up using tcl, bash and powershell.

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## Publications

### Refereed Conference Proceedings

- Čavar, Damir, Moe, Lwin, Hu, Hai, & Steimel, Kenneth. (2016). Preliminary results from the Free Linguistic Environment project. In Arnold, Doug, Butt, Miriam, Crysmann, Berthold, King, Tracy Holloway, & Müller, Stefan (Eds.): *Proceedings of the Joint 2016 Conference on Head-driven Phrase Structure Grammar and Lexical Functional Grammar, Polish Academy of Sciences, Warsaw, Poland* (pp. 161–181). Stanford, CA: CSLI Publications.
- Chen, Yue, Steimel, Kenneth, Green, Everett, Green, Hjortnaes, Nils, Tian, Zuoyu, Dakota, Daniel, & Kübler, Sandra. (2018). Towards Determining Textual Characteristics of High and Low Impact Publications. In Diesner, Jana, Rehm, Georg, Witt, Andreas (Eds.): *Proceedings of the 1st Workshop on Computational Impact Detection from Text Data, Miyazaki, Japan* (pp. 1–7). Paris, France: European language resources association (ELRA).
- Liu, Can, Li, Wen, Demarest, Bradford, Chen, Yue, Couture, Sara, Dakota, Daniel, Haduong, Nikita, Kaufman, Noah, Lamont, Andrew, Pancholi, Manan, Steimel, Kenneth & Kübler, Sandra. (2016). IUCL at SemEval-2016 Task 6: An Ensemble Model for Stance Detection in Twitter. *Proceedings of the 10th International Workshop on Semantic Evaluation (SemEval-2016), Association for Computational Linguistics, San Diego, California* (pp. 394–400). Stroudsburg, PA: Association for Computational Linguistics (ACL)
- Steimel, Kenneth. (2018). Part of Speech Tagging in Luyia: A Bantu Macrolanguage. *Proceedings of the Fifth Workshop on NLP for Similar Languages, Varieties and Dialects (VarDial 2018) Santa Fe, New Mexico* (pp. 46-54).

## Computer skills

Programming	Python, C, Julia, R, Powershell	NLP	Parser implementation, Stance detection, Machine learning
Operating Systems	Linux, Windows	Markup Languages	T <sub>E</sub> X, some HTML
High Performance Computing	Practical knowledge of programming for a HPC system (MPI, OpenMP, MPI I/O)	Hadoop utilities	HAWQ, HIVE, Zeppelin note-book

## Interests

- Deploying and using self-hosted software
- Coffee roasting
- Backpacking

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## References

### Academic References

- Sandra Kußler  
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*Indiana University*
- Damir Čavar  
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*Indiana University*
- Michael Marlo  
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*University of Missouri–Columbia*

### Professional References

- James Foppe  
foppejh@gmail.com  
*Panera Bread*
- Tim Cross  
crosstim@swbell.net  
*Panera Bread*  
(more upon request)