

Steven R. Wilson

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CURRENT POSITION	Oakland University , Rochester, Michigan Assistant Professor, Computer Science & Engineering	Aug 2021 – Present
EDUCATION	University of Michigan , Ann Arbor, Michigan Ph.D., Computer Science & Engineering • Thesis Title: Natural Language Processing for Personal Values and Human Activities • Advisor: Rada Mihalcea M.S., Computer Science & Engineering • Depth area: Intelligent Systems Taylor University , Upland, Indiana B.S., Computer Science/Systems • Summa cum laude • Minor in psychology • Concentration in Intelligent Systems	Jan 2019 Apr 2015 May 2013
RESEARCH EXPERIENCE	OaklandNLP Lab , Oakland University Lab Director • Research areas: Natural language processing, Computational Social Science Institute for Language, Cognition, and Computation , University of Edinburgh Postdoctoral Research Associate, SMASH Lab • Supervisor: Walid Magdy • Research areas: Natural language processing, Computational Social Science Artificial Intelligence Lab , University of Michigan Postdoctoral Research Fellow, LIT Lab • Supervisor: Rada Mihalcea • Research areas: Natural language processing, Computational Social Science Graduate Student Research Assistant, LIT Lab • Supervisor: Rada Mihalcea • Research areas: Natural language processing, Computational Social Science Automated Imagery Analysis Group , SPAWAR Systems Center Pacific Research Intern • Project: Automated detection of oil spills from Synthetic Aperture Radar imagery • Supervisor: Bryan Bagnall • Research areas: Computer Vision, Machine Learning Advanced Concepts Lab , Lockheed-Martin Advanced Technology Labs College Student Technical Specialist • Project: Proprietary research • Supervisor: Ricardo Correa • Research areas: Cybersecurity, Mobile Devices, Malware Taylor University Research , Taylor University Research Intern, Department of Computer Science & Engineering • Project: Proprietary research for Lockheed-Martin • Supervisors: Stefan Brandle, Arthur White • Research areas: Cybersecurity, Operating Systems	Aug 2021 – Present Sep 2019 – Jul 2021 Feb 2019 – Jul 2019 Jan 2014 – Jan 2019 Jun 2013 – Aug 2013 Jun 2012 – Aug 2012 May 2011 – Jan 2012
PUBLICATIONS	PEER-REVIEWED 35) Ganti, A., Hussein, E., <u>Wilson, S. R.</u> , Ma, Z., & Zhao, X. Narrative Style and the Spread of Health Misinformation on Twitter <i>In Findings of the Conference on Empirical Methods in Natural Language Processing</i> . Singapore, Singapore, Dec 2023 34) Sarker, J., Sultana, S., <u>Wilson, S. R.</u> & Bosu, A. ToxiSpanSE: An Explainable Toxicity Detection in Code Review Comments <i>n Proceedings of the 17th ACM/IEEE International Symposium on Empirical Software Engineering and Measurement</i> . New Orleans, USA, Oct 2023	

- 33) Saravanan, V. & Wilson, S. R.. mr-wallace at SemEval-2023 Task 5: Novel Clickbait Spoiling Algorithm using Natural Language Processing *Workshop on Semantic Evaluation at ACL 2023*. Toronto, Canada, Jul 2023
- 32) Chen, L., Wilson, S. R., Negraia, D., & Lohman, S. What Are You Anxious About? Examining Subjects of Anxiety during the COVID-19 Pandemic. *In Proceedings of the 17th International AAAI Conference on Web and Social Media*. Latsia, Cyprus, Jun 2023
- 31) McGillivray, B., Alahapperuma, M., Cook, J., Di Bonaventura, C., Meroño-Peñuela, A., Tyson, G., & Wilson, S. R. Leveraging time-dependent lexical features for offensive language detection. *Proceedings of the 1st Workshop of Ever Evolving NLP at EMNLP*. Abu Dhabi, UAE, Dec 2022
- 30) Abu Farha, I., Wilson, S. R., Oprea, S., & Magdy, W. Sarcasm Detection is Way Too Easy! An Empirical Comparison of Human and Machine Sarcasm Detection *In Findings of the Conference on Empirical Methods in Natural Language Processing*. Abu Dhabi, UAE, Dec 2022
- 29) Elsafoury, F., Wilson, S. R., Katsigiannis, S., & Ramzan, N. SOS: Systematic Offensive Stereotyping Bias in Word Embeddings *In Proceedings of the 29th International Conference on Computational Linguistics*. Gyeongju, Republic of Korea, Oct 2022
- 28) Meaney, J. A., Wilson, S. R., Chiruzzo, L., and Magdy, W. Don't Take it Personally: Analyzing Gender and Age Differences in Ratings of Online Humor.[‡] *In Proceedings of the 13th International Conference on Social Informatics*. Glasgow, Scotland, Oct 2022
- 27) Elsafoury, F., Wilson, S. R., & Ramzan, N. S. A Comparative Study on Word Embeddings and Social NLP Tasks *In Proceedings of the 10th International Workshop on Natural Language Processing for Social Media*. Seattle, USA, Jul 2022
- 26) Ganti, A., Wilson, S. R., Ma, Z., Zhao, X. & Ma, R. Narrative Detection and Feature Analysis in Online Health Communities. *In Proceedings of the 4th Workshop on Narrative Understanding*. Seattle, USA, Jul 2022
- 25) Abu Farha, I., Oprea, S., Wilson, S. R., & Magdy, W. SemEval-2022 Task 6: iSarcasmEval, Intended Sarcasm Detection in English and Arabic. *In Proceedings of the 16th International Workshop on Semantic Evaluation*. Seattle, USA, Jul 2022
- 24) Biester, L., Sharma, V., Kazemi, A., Deng, N., Wilson, S. R., & Mihalcea, R. Does Annotator Gender Affect NLP Benchmark Datasets? *In Proceedings of the 1st Workshop on Perspectivist Approaches to NLP @ LREC*. Marseille, France, Jun 2022
- 23) Bahgat, M., Wilson, S. R., & Magdy, W. LIWC-UD: Classifying Online Slang Terms into LIWC Categories. *In Proceedings of the ACM Web Science Conference*. Barcelona, Spain, Jun 2022
- 22) Oprea, S., Wilson, S. R., & Magdy, W. Should a Chatbot be Sarcastic? Understanding User Preferences Towards Sarcasm Generation. *In Proceedings of the Annual Meeting of the Association of Computational Linguistics* Dublin, Ireland, May 2022
- 21) Oprea, S., Wilson, S. R., & Magdy, W. Chandler: An Explainable Sarcastic Response Generator. *Empirical Methods in Natural Language processing (EMNLP) - Demonstration Track*. Punta Cana, Dominican Republic, Nov 2021
- 20) Meaney, J. A., Wilson, S. R., Chiruzzo, L., Lopez, A., & Magdy, W. SemEval-2021 Task 7: HaHackathon, Detecting and Rating Humor and Offense. *International Workshop on Semantic Evaluation at ACL-IJCNLP*. Virtual, Aug 2021
- 19) Elsafoury, F., Katsigiannis, S., Wilson, S. R., & Ramzan, N. Does BERT pay attention to cyberbullying? *In Proceedings of the International ACM SIGIR Conference on Research and Development in Information Retrieval*. Virtual, Jul 2021
- 18) Meaney, J. A., Wilson, S. R. & Magdy, W. Smash at SemEval-2020 task 7: Optimizing the hyperparameters of ERNIE 2.0 for humor ranking and rating. *Proceedings of the Fourteenth Workshop on Semantic Evaluation*. Virtual, Dec 2020.

[‡] Best Paper Runner-up

- 17) Hennig, F. & Wilson, S. R.. Diachronic Embeddings for People in the News. *Workshop on NLP and Computational Social Science at EMNLP*. Virtual, Nov 2020.
- 16) Li, J.,* Longinos, G.,* Wilson, S. R., & Magdy, W. Emoji and Self-Identity in Twitter Bios. *Workshop on NLP and Computational Social Science at EMNLP*. Virtual, Nov 2020.
- 15) Wilson, S. R., Magdy, W., McGillivray, B., & Tyson, G. Embedding Structured Dictionary Definitions. *Workshop on Insights from Negative Results in NLP at EMNLP*. Virtual, Nov 2020.
- 14) Wilson, S. R., Magdy, W., McGillivray, B., & Tyson, G. Analyzing Temporal Relationships between Trending Terms on Twitter and Urban Dictionary Activity. *In Proceedings of the Web Science Conference*. Virtual, Jul 2020.
- 13) Bahgat, M., Wilson, S. R., & Magdy, W. Towards Using Word Embedding Vector Space for Better Cohort Analysis. *In Proceedings of the International Conference on Web and Social Media*. Virtual, Jun 2020.
- 12) Wilson, S. R., Magdy, W., McGillivray, B., Garimella, K., & Tyson, G. Urban Dictionary Embeddings for Slang NLP Applications. *In Proceedings of the Language Resources and Evaluation Conference*. Virtual, May 2020.
- 11) Rechkemmer, A., Wilson, S. R., & Mihalcea, R. Small Town or Metropolis? Analyzing the Relationship between Population Size and Language. *In Proceedings of the Language Resources and Evaluation Conference*. Virtual, May 2020.
- 10) Shen, Y.,* Wilson, S. R.,* & Mihalcea, R. Measuring Personal Values in Cross-Cultural User-Generated Content. *In Proceedings of the International Conference on Social Informatics*. Doha, Qatar, Nov 2019.
- 9) Wilson, S. R., & Mihalcea, R. Predicting Human Activities from User-Generated Content. *In Proceedings of the Annual Meeting of the Association of Computational Linguistics*. Florence, Italy, Jul 2019.
- 8) Zhang, L., Wilson, S. R., & Mihalcea, R. Multi-Label Transfer Learning for Multi-Relational Semantic Similarity. *In Proceedings of the Eighth Joint Conference on Lexical and Computational Semantics*. Minneapolis, USA, Jun 2019.
- 7) Wilson, S. R., Shen, Y., & Mihalcea, R. Building and Validating Hierarchical Lexicons with a Case Study on Personal Values.[†] *In Proceedings of the International Conference on Social Informatics*. St. Petersburg, Russia, Sep 2018.
- 6) Li, Y., Mihalcea, R., and Wilson, S. R.. Text-based Detection and Understanding of Changes in Mental Health. *In Proceedings of the International Conference on Social Informatics*. St. Petersburg, Russia, Sep 2018.
- 5) Wilson, S. R., & Mihalcea, R. Measuring Semantic Relations between Human Activities. *In Proceedings of the International Joint Conference on Natural Language Processing*. Taipei, Taiwan, Nov 2017.
- 4) Wilson, S. R., Mihalcea, R., Boyd, R.L., & Pennebaker, J. W. Disentangling Topic Models: A Cross-cultural Analysis of Personal Values through Words. *In the Workshop on Natural Language Processing and Computational Social Science at EMNLP*. Austin, TX, Nov 2016.
- 3) Ruan, X., Wilson, S. R., & Mihalcea, R. Finding Optimistic and Pessimistic Users on Twitter. *In Proceedings of the Annual Meeting of the Association of Computational Linguistics*. Berlin, Germany, Aug 2016.
- 2) Wilson, S. R., Mihalcea, R., Boyd, R.L., & Pennebaker, J. W. Cultural Influences on the Measurement of Personal Values through Words. *In Proceedings of the 2016 AAAI Spring Symposium Series*. Stanford, CA, Mar 2016.

* Equal Contributions

† Best Paper

- 1) Boyd, R. L.,* Wilson, S. R.,* Pennebaker, J. W., Kosinski, M., Stillwell, D., & Mihalcea, R. Values in Words: Using Language to Evaluate and Understand Personal Values. *In Proceedings of the Ninth AAAI International Conference on Web and Social Media*, Oxford, UK, May 2015.

E-PRINT/OTHER

- 5) Burdick, L., Wang, M., Ignat, O., Wilson, S. R., Zhang, Y., Wei, Y., Mihalcea, R., and Deng, J. Building a Flexible Knowledge Graph to Capture Real-World Events. *Text Analysis Conference*. Nov 2019.
- 4) Burdick, L., Wilson, S. R., Ignat, O., Welch, C., Zhang, L., Wang, M., Deng, J., and Mihalcea, R. Entity and Event Extraction from Scratch Using Minimal Training Data. *Text Analysis Conference*. Nov 2018.
- 3) Zhang, L., Wilson, S. R., and Mihalcea, R. Sequential Network Transfer: Adapting Sentence Embeddings to Human Activities and Beyond. *arXiv:1804.07835 [cs.CL]*. Apr 2018.
- 2) Pappas, K., Wilson, S. R., and Mihalcea, R. Stateology: State-Level Interactive Charting of Language, Feelings, and Values. *arXiv:1612.06685 [cs.CL]*. Dec 2016.
- 1) Radev, D., Zhang, R., Wilson, S. R., Van Assche, D., Gubert, H. S., Krivokapic, A., Dong, M., Wu, C., Bondera, S., Brandl, L., and Dohnmann, J. Cruficorn: Solving Crosswords with Natural Language Processing. *arXiv:1611.02360 [cs.CL]*. Nov 2016.

ACADEMIC HONORS & AWARDS

Best Paper Runner-up International Conference on Social Informatics Awarded for the paper: "Don't Take it Personally: Analyzing Gender and Age Differences in Ratings of Online Humor"	2022
Faculty Research Fellowship (\$10,000) Oakland University, University Research Committee	2022
Michigan Artificial Intelligence Lab Symposium "Greatest Societal Impact" Awarded for poster presentation: "Clustering Human Activity Expressions"	2018
Best Paper Award International Conference on Social Informatics Awarded for the paper: "Building and Validating Hierarchical Lexicons with a Case Study on Personal Values"	2018
Rackham Graduate School Conference Travel Grant University of Michigan, Ann Arbor, MI Provides monetary allowance for academic conference travel. Awarded Yearly.	2015 – 2018
Michigan Institute for Data Science Annual Symposium "Most Likely Societal Impact" Awarded for poster presentation: "Disentangling Topic Models: A Cross-cultural Analysis of Personal Values through Words"	2016
Outstanding Computer Science Graduate Taylor University, Upland, IN Awarded to one student each year, selected by the faculty of Computer Science & Engineering.	2013
President Scholarship, Taylor University, Upland, IN Highest tier of merit based academic scholarship awarded by the university.	2009 – 2013
AP Scholar with Distinction The College Board For receiving an average score of at least 3.5 on all Advanced Placement exams taken, and scores of 3 or higher on five or more of these exams.	2009

PROFESSIONAL ACTIVITIES

EXTERNAL SERVICE TO COMMUNITY

Co-organizer Workshop on NLP for Positive Impact at EMNLP	2022, 2024
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* Equal Contributions

Diversity & Inclusion Committee Member Annual Meeting of the Association for Computational Linguistics	2024
Co-organizer Data Challenge at the International Conference on Web and Social Media	2023
Editorial Board Member Northern European Journal of Language Technology	Nov 2022 – Present
Public Volunteer NIST Generative AI Public Working Group	Aug 2023 – Present
Co-organizer/Co-founder University of Edinburgh Computational Social Science Reading Group	Mar 2020 – Jul 2021
Organizer University of Michigan Natural Language Processing Reading Group	Sep 2015 – Jul 2019
Area Chair LREC-COLING 2024, EMNLP 2023	
Program Committee Member / Reviewer – Conferences & Workshops	
SocialNLP @ IJCNLP 2023, NEATCLaS @ ICWSM 2023, ACL 2023, SemEval 2023 (Task 5 papers), EACL 2022, ARR Oct 2022, NLP+CSS @ EMNLP 2022, EMNLP 2022, ARR May 2022, SemEval 2022 (Task overview papers), SRW @ ACL 2022, SemEval 2022 (Task 6 systems), NEATCLaS @ ICWSM 2022, UserNLP @ TheWebConf 2022, LREC 2022, ARR Jan 2022, ARR Nov 2021, ARR Oct 2021, EMNLP 2021, CIKM 2021, GeBNLP @ ACL-IJCNLP 2021, SemEval 2022 (task proposals), SocialNLP @ NAACL 2021, SocialNLP @ TheWebConf 2021, SemEval 2021 (Task 7 systems), ACL/IJCNLP 2021, CSCW 2021, SRW @ NAACL 2021, NAACL 2021, EACL 2021, AAAI 2021, NLP+CSS @ EMNLP 2020, CoNLL 2020, EMNLP 2020, W-NUT @ EMNLP 2020, GeBNLP @ COLING 2020, LREC 2020, AAAI 2020, CoNLL 2019, IJCNLP-EMNLP 2019, SocialNLP @ IJCAI 2019, ACL 2019, NLP+CSS @ NAACL 2019, NAACL 2019, AAAI 2019, EMNLP 2018, LREC 2018, EMNLP 2017, NLP+CSS @ ACL 2017, COLING 2016, WWW 2016, EMNLP 2015	
Invited Reviewer – Journals	
Online Social Networks and Media 2020/2021, Frontiers in AI 2020, Information 2020, Applied Sciences 2019, Computer Speech and Language 2017, Psychological Methods 2017, Journal of the Association for Information Science and Technology 2017	
Volunteering	
Virtual conference volunteer at ACL 2020, Post-acceptance mentor for ACL Student Research Workshop 2020, Instructor at CS Kickstart 2017, Student Volunteer at EMNLP 2016, Session Facilitator at Girls Encoded 2016, Volunteer at Girls Encoded 2015, Session Facilitator at Xplore Engineering 2014 & 2015	
Secondary Reviewer	
CIKM 2020, ACM Hypertext 2020, JAIR 2016	
INTERNAL UNIVERSITY SERVICE	
Program Coordinator, PhD in Computer Science & Informatics Oakland University Computer Science Department	Sep 2023 – Present
Chair, Departmental Graduate Affairs Committee Oakland University Computer Science Department	Sep 2023 – Present
Member, School Graduate Affairs Committee Oakland University School of Engineering and Computer Science	Sep 2023 – Present
Member, Executive Committee Oakland University School of Engineering and Computer Science	Sep 2023 – Present
Member, Masters in Data Science Committee Oakland University Department of Computer Science	Sep 2022 – Present
Member, PhD Program Committee Oakland University Department of Computer Science	Jan 2023 – Aug 2023
Seminars Chair Oakland University Department of Computer Science	Sep 2022 – Aug 2023
Member, Bachelors in Data Science Committee Oakland University Department of Computer Science	Sep 2021 – Apr 2023

Member, AI Curriculum Committee Oakland University Department of Computer Science	Feb 2023
Member, Faculty Search Committee Oakland University Department of Computer Science	Sep 2022 – Feb 2023
Member, Departmental Graduate Affairs Committee Oakland University Department of Computer Science	Sep 2022 – Dec 2022
Member, Departmental Undergraduate Affairs Committee Oakland University Department of Computer Science	Sep 2021 – Aug 2022

MEMBERSHIPS

The Association for Computational Linguistics	2015 – Present
The Association for the Advancement of Artificial Intelligence	2015 – 2018

CONFERENCE ATTENDANCE

Main Conferences

ACL 2023, EMNLP 2022, IC2S2 2022, NAACL 2022, ACL 2022, NAACL 2021, EMNLP 2020, WebSci 2020, ACL 2020, SocInfo 2019, ACL 2019, *SEM 2019, NAACL 2019, SocInfo 2018, IC2S2 2018, IJCNLP 2017, EMNLP 2016, IC2S2 2016, MSLD 2016, ICWSM 2015, ICWSM 2014

Workshops

SemEval @ ACL 2023, Narrative Understanding @ ACL 2023, NLP+CSS @ EMNLP 2020, INSIGHTS @ EMNLP 2020, EurNLP 2019, NLP+CSS @ NAACL 2019, Midwest Speech and Language Days (MSLD) 2019, MSLD 2018, MSLD 2017, SocialNLP @ EMNLP2016, NLP+CSS @ EMNLP2016, AAAI Spring Symposium: OSSM 2016, Workshop on Standards and Practices in Large-Scale Social Media Research @ ICWSM 2015, MSLD 2015

Summer/Winter Schools

2nd HUMAINT Winter School on Fairness, Accountability, and Transparency in AI 2020, École Polytechnique and DATAIA Institute Data Science Summer School 2019

TEACHING

School of Engineering and Computer Science, Oakland University	
Instructor CSI 4180/5180: Natural Language Processing	Winter 2023 – Winter 2024
Instructor CSI 4950: Internship	Winter 2024
Instructor CSI 3450: Database Design and Implementation	Fall 2021 – Fall 2022
School of Informatics, University of Edinburgh	
University Teacher (Instructor) INFR11145: Text Technologies for Data Science	Fall 2020 – Winter 2021
Guest Lecturer INFR11145: Text Technologies for Data Science, <i>Lecture title: "Comparing Text Corpora"</i>	Nov 2019
Data Science Summer School, École Polytechnique and DATAIA Institute	
Tutorial Organizer Fundamentals of Text Analysis for User Generated Content	Jun 2019
Department of Electrical Engineering and Computer Science, University of Michigan	
Guest Lecturer EECS 486: Information Retrieval, <i>Lecture title: "Topic Modeling"</i>	Winters, 2017 – 2019
Graduate Student Instructor EECS 595: Natural Language Processing	Fall 2017
Graduate Student Instructor EECS 280: Programming and Introductory Data Structures	Fall 2013
The Center for Research in Teaching and Learning, University of Michigan	
Practice Teaching Facilitator	Winter 2016 – Fall 2017
Engineering Teaching Consultant	Fall 2015 – Winter 2017
Graduate Student Instructor Training - Workshop Facilitator	Fall 2015 – Winter 2017

**STUDENT
ADVISING**

Zeineb Moalla , B.S. '23, Oakland University Automated coding of scientific abstracts for meta-analyses	Sep 2023 – Present
Jood Otey , M.S. '24, Oakland University An Error Analysis Framework for Multilingual Offensive Language Detection Systems	Jun 2023 – Present
Yosra Abdessamed , INSAT, Tunisia Narrative Analysis of Podcasts	Feb 2023 – Present
Souha Ben Hassine , INSAT, Tunisia Representation Learning for Machine Learning Source Code and Test Cases	Feb 2023 – Present
Vineet Saravanan , Cranbrook Schools, Michigan Automatic clickbait spoiling, brainteaser solving	Jul 2022 – Present
Achyut Ganti , Ph.D., Oakland University Narrative detection in social media	Jan 2022 – Present
Seth Jones , M.S., Ph.D., Oakland University Software infrastructure for data processing	Sep 2021 – Present
Chenxin Diao , M.Sc. '22, University of Edinburgh Sarcasm Detection with Text, User and Network Features	Apr 2022 – Aug 2022
Guillem Ramírez , M.Sc. '21, University of Edinburgh Semantic representation for armed conflict event descriptions	Mar 2021 – Aug 2021
Luna Yang , M.Sc. '21, University of Edinburgh Visual Misinformation on Social Media during the COVID-19 Pandemic	Mar 2021 – Aug 2021
Charalambos Ioannou , M.Sc. '21, University of Edinburgh Visual Misinformation on Social Media during the COVID-19 Pandemic	Mar 2021 – Aug 2021
Yue Pan , M.Sc. '21, University of Edinburgh Cross-lingual Analysis of COVID-19 Rumor Sharing on Social Media	Mar 2021 – Aug 2021
Chenxin Diao , B.Sc. '21, University of Edinburgh Rumor Verification on Social Media	Apr 2020 – Jul 2021
Tia Deviyani , B.Sc. '21, University of Edinburgh Semantic Word Categorization for English Slang	Jul 2020 – Dec 2020
Felix Hennig , M.Sc. '20, University of Edinburgh Discovering Temporal Trends in Entity Representations from News Text	Mar 2020 – Sep 2020
Faisal Alothman , M.Sc. '20, University of Edinburgh Assessing Social Situations with NLP models	Mar 2020 – Sep 2020
Jinhang Li , M.Sc. '20, University of Edinburgh Analyzing the Relationship between Emoji Use and Self-Identity on Twitter	Mar 2020 – Sep 2020
Giorgos Longinos , M.Sc. '20, University of Edinburgh Analyzing the Relationship between Emoji Use and Self-Identity on Twitter	Mar 2020 – Sep 2020
Yiting Shen , B.S.E. '18, M.S. '19, University of Michigan Evaluation and Weighting of a Lexicon for Personal Values	May 2017 – May 2019
Amy Rechkemmer , B.S.E. '18, University of Michigan Content Analysis of Urban and Rural Twitter Users	Dec 2017 – May 2019
Li Zhang , B.S.E. '18, University of Michigan Language Understanding and Semantic Similarity of Short Texts	Sep 2017 – Dec 2018
Anamaria Cuza , B.S.E. '21, University of Michigan Exploration of Bias in NLP Data Annotation	Dec 2017 – Dec 2018
Zheng Wu , M.S. '17, University of Michigan Comparison of Topic Modeling Methods	Jan 2016 – May 2017

Renhan Zhang, M.S. '16, University of Michigan
A System for the Collection of Psycholinguistic Social Media Data

Jun 2015 – Jan 2016

Xianzhi Ruan, B.S.E. '16, University of Michigan
Finding and Predicting Optimistic and Pessimistic Users on Twitter

May 2015 – Jan 2016

NON-ARCHIVAL PRESENTATIONS

TALKS

Warren Consolidated Schools Back-to-school Staff Workshop
“What is AI, Really?”

Aug 2023

Oakland University CSE Seminar Series
“What is Groundtruth in NLP?”

Oct 2022

Istanbul Twitter Developers Community
“Preprocessing Social Media Text”

Apr 2022

NLP+CSS 201 Tutorials
“Preprocessing Social Media Text”

Mar 2022

Edinburgh NLP Seminar
School of Informatics, University of Edinburgh, UK
“The Semantic Space of Human Activity Phrases”

May 2020

Social Data Science Interest Group
The Alan Turing Institute, London, UK
“The Semantic Space of Human Activities”

Oct 2019

Information Retrieval Seminar
University of Glasgow, Glasgow, UK
“The Semantic Space of Human Activities”

Oct 2019

#UMTweetCon2019
Institute for Social Research , University of Michigan, Ann Arbor, MI
“Predicting Human Activities from User-Generated Content”

May 2019

Artificial Intelligence Lab Honors Competition
University of Michigan, Ann Arbor, MI
“Measuring Semantic Relations between Human Activities”

Oct 2017

International Conference on Computational Social Science
Northwestern University, Evanston, IL
“Cultural Influences on the Measurement of Psychological Phenomena:
Value-behavior Relationships in India and the United States”

Jun 2016

Midwest Speech and Language Days
University of Indiana, Bloomington
“Cultural Influences on the Measurement of Personal Values through Words”

May 2016

Artificial Intelligence Lab Mini-Symposium
University of Michigan, Ann Arbor, MI
“Values in Words: Using Language to Evaluate and Understand Personal Values”

May 2015

Midwest Speech and Language Days
Toyota Institute of Technology, Chicago, IL
“Values in Words: Using Language to Evaluate and Understand Personal Values”

May 2015

Michigan College of Engineering “Recruit at Home” Event
College of Natural & Applied Science, Taylor University, Upland, IN
“Navigating Graduate School”
Sponsored by the University of Michigan College of Engineering

Oct 2014

POSTERS

Midwest Speech and Language Days Toyota Institute of Technology, Chicago, IL “Clustering and Predicting Human Activities”	May 2019
University of Michigan Artificial Intelligence Lab Symposium University of Michigan, Ann Arbor, MI “Clustering Human Activity Expressions”	Nov 2018
International Conference on Computational Social Science Northwestern University, Evanston, IL “Relating Human Activities with Phrasal Embeddings”	Jul 2018
International Conference on Computational Social Science Northwestern University, Evanston, IL “Crowd-Powered Concept Sorting for Lexicon Creation”	Jul 2018
Midwest Speech and Language Days Toyota Institute of Technology, Chicago, IL “Measuring Semantic Relations between Human Activities”	May 2017
University of Michigan Data Science Symposium University of Michigan, Ann Arbor, MI “Disentangling Topic Models: A Cross-cultural Analysis of Personal Values through Words”	Nov 2016
Society for Personality and Social Psychology Long Beach, CA “Language and values: Understanding human values with language and language categories.”	Feb 2015

SYSTEMS

ADMINISTRATION	Language and Information Technology research group , University of Michigan Systems Administrator for LIT Lab Network Software Skills: <i>Ubuntu, NIS, Apache, MySQL</i>	Jun 2014 – Nov 2018
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REFERENCES	Available Upon Request
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[CV Compiled on 2023-10-22]