Zachary Kimo Stine

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EDUCATION

Ph.D., Computer and Information Sciences *(in progress)*
University of Arkansas at Little Rock, 2016 - present
Advisor: Nitin Agarwal

Post-Baccalaureate Coursework in Computer Science
University of Arkansas at Little Rock, 2012 - 2016
43 undergraduate hours

B.A., Religious Studies
University of Central Arkansas, 2006 - 2010
Presidential Scholarship | Dean's List

RESEARCH
INTERESTS

Natural Language Processing, Machine Learning, Computational Social Science, Cultural Analytics, Information Theory

AWARDS

HASTAC Scholar, *HASTAC Scholars Fellowship Program,* 2019-2021

Honorable Mention, *NSF Graduate Research Fellowship Program,* 2018

Travel Grant, *Graduate Student Association*, April 2018

Travel Grant, *Graduate Student Association*, October 2017

PUBLICATIONS

Stine ZK, Agarwal N (2019) Characterizing the language-production dynamics of social media users. *Social Network Analysis and Mining* 9(1).

Stine ZK, Agarwal N (2019) A quantitative portrait of legislative change in Ukraine. In: Thomson R, Bisgin H, Dancy C, Hyder A (eds.) *Social, Cultural, and Behavioral Modeling. SBP-BRiMS 2019*. Lecture Notes in Computer Science vol 11549. Springer, Cham. 50-59.

Stine ZK, Khaund T, Agarwal N (2018) Measuring the information-foraging behaviors of social bots through word usage. In: *Proceedings of the IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM).* Barcelona, Spain. 570-571.

Stine ZK, Agarwal N (2018) Agent-based models for assessing social influence strategies. In: Morales A, Gershenson C, Braha D, Minai A, Bar-Yam Y (eds.) *Unifying Themes in Complex Systems IX. ICCS 2018*. Springer Proceedings in Complexity. Springer, Cham. 138-146.

CONFERENCE PRESENTATIONS	*"An Agent-Based Approach to Studying the Relationship Between Ingroup Bias, Signaling, and Ideological Change."* Peer-reviewed poster presented at the Computational Social Science conference (CSS). Santa Fe, NM. October 2017.
SERVICE	*Reviewer,* ACM International Conference on Web Search and Data Mining (WSDM); Social Network and Analysis Mining (SNAM); International Journal of Critical Infrastructure Protection (IJCIP); Computational and Mathematical Organization Theory (CMOT); IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM); Conference on Computational Social Science (CSS); New Review of Hypermedia and Multimedia
	Program Committee, Computational Social Science (CSS) 2018, 2019
	Donaghey College Representative and Chairperson of By-Laws Committee, Graduate Student Council	2017 - 2018 Academic Year
OUTREACH	*Speaker,* Episcopal Collegiate School Coding Club	October 2014
	Volunteer Judge, Arkansas STEM Festival	March 2017
	Speaker, Bryant High School AP Comp. Sci. classes	October 2017
	Speaker, Joe T. Robinson High School Breakfast with a Brain series	October 2017
	Guest Lecture, "An Introduction to Topic Modeling," Social Computing Course	April 2018
	Guest Lecture, "An Introduction to Natural Language Processing," Social Computing Course	March 2019
	Seminar Talk, "Machine Learning and the Political Evolution of Ukraine," Donaghey College of Engineering and Information Technology Colloquium Series	March 2019
	Seminar Talk, "A comparative study of online religious communities," Donaghey College of Engineering and Information Technology Colloquium Series	August 2019
MEMBERSHIPS	*American Association for the Advancement of Science (AAAS)*	May 2017
	Computational Social Science Society of the Americas (CSSSA)	September 2017
	Society for the Scientific Study of Religion (SSSR)	January 2019
EXPERIENCE	*University of Arkansas at Little Rock, Department of Information Science* Graduate Research Assistant	August 2017 - present

University of Arkansas at Little Rock, Office of Institutional Research
Research Associate/Lead Programmer Analyst | September 2016 - August 2017

GHD, Inc.
Programmer/Consultant | December 2014 - September 2016

Arkansas Blue Cross Blue Shield
Programmer | June 2014 - December 2014
Claims Review Specialist | October 2011 - June 2014

AmeriCorps City Year
Corps Member | September 2010 - June 2011