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

Honorable Mention, *NSF GRFP,* 2018

Travel Grant, *Graduate Student Association*, April 2018

Travel Grant, *Graduate Student Association*, October 2017

PUBLICATIONS

Stine ZK, Agarwal N (2019) A quantitative portrait of legislative change in Ukraine. In: *Proceedings of SBP-BRiMS 2019.* [upcoming]

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. 570-671.

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

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

Invited Talk, "Machine Learning and the Political Evolution of Ukraine," Donaghey College of Engineering and Information Technology Colloquium Series | March 2019

MEMBERSHIPS

American Association for the Advancement of Science (AAAS) | May 2017

Computational Social Science Society of the Americas (CSSSA) | September 2017

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