

NSF BIOGRAPHICAL SKETCH

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IDENTIFYING INFORMATION:

NAME: Nwala, Alexander

POSITION TITLE: Assistant Professor

ORGANIZATION AND LOCATION: William and Mary, Williamsburg, VA, USA

Professional Preparation:

ORGANIZATION AND LOCATION	DEGREE (if applicable)	DATE RECEIVED	FIELD OF STUDY
Observatory on Social Media, Indiana University, Bloomington, Indiana, USA	Postdoctoral Fellow	2020 - 2022	Computer Science Computer Science Computer Science
Old Dominion University, Norfolk, Virginia, USA	PHD	08/2020	
Old Dominion University, Norfolk, Virginia, USA	MS	05/2014	
Elizabeth City State University, Elizabeth City, North Carolina, USA	BS	12/2011	

Appointments and Positions

2022 - present Assistant Professor, William and Mary, Williamsburg, VA, USA
 2017 - 2017 Intern, The Berkman Klein Center, Harvard University, Cambridge, MA, USA
 2016 - 2016 Summer Fellow, Harvard Law School Library Innovation Lab, Cambridge, MA, USA
 2014 - 2020 Research Assistant, Web Science and Digital Libraries (WS-DL) research group, Old Dominion University, Norfolk, VA, USA
 2012 - 2014 Research Assistant, Old Dominion University, Norfolk, VA, USA

Products**Products Most Closely Related to the Proposed Project**

1. Nwala AC, Weigle MC, Nelson ML, Ziegler AB, Aizman A. Local Memory Project: Providing Tools to Build Collections of Stories for Local Events from Local Sources. In Proceedings of the ACM/IEEE JCDL. JCDL; 2017. DOI: <https://doi.org/10.1109/JCDL.2017.7991576>
2. Nwala AC, Weigle MC, Nelson ML. 365 Dots in 2019: Quantifying Attention of News Sources. [Poster]. Computation + Journalism Symposium; 2020. Available from: <https://arxiv.org/abs/2003.09989>
3. Atkins G, Nwala AC, Weigle MC, Nelson ML. Measuring News Similarity Across Ten U.S. News Sites. In Proceedings of iPres. iPres; 2018. Available from: <https://arxiv.org/abs/1806.09082>

4. Torres-Lugo C, Pote M, Nwala AC, Menczer F. Manipulating Twitter Through Deletions. In Proceedings of AAAI ICWSM. ICWSM; 2022. Available from: <https://arxiv.org/abs/2203.13893>
5. Nwala AC, Weigle MC, Nelson ML. Using Micro-collections in Social Media to Generate Seeds for Web Archive Collections. In Proceedings of the ACM/IEEE JCDL. JCDL; 2019. DOI: <https://doi.org/10.1109/JCDL.2019.00042>

Other Significant Products, Whether or Not Related to the Proposed Project

1. Nwala AC, Weigle MC, Nelson ML. Bootstrapping Web Archive Collections from Social Media. In Proceedings of ACM HT. HT; 2018. DOI: <https://doi.org/10.1145/3209542.3209560>
2. Nwala AC, Weigle MC, Nelson ML. Scraping SERPs for archival seeds: it matters when you start. In Proceedings of the ACM/IEEE JCDL. JCDL; 2018. DOI: <https://dl.acm.org/doi/10.1145/3197026.3197056>
3. Jones SM, Nwala AC, Weigle MC, Nelson ML. The Many Shapes of Archive-It. In Proceedings of iPres. iPres; 2018. Available from: <https://arxiv.org/abs/1806.06878>
4. Nwala AC, Weigle MC, Nelson ML. Garbage, Glitter, or Gold: Assigning Multi-dimensional Quality Scores to Social Media Seeds for Web Archive Collections. In Proceedings of ACM/IEEE JCDL. JCDL; 2021. DOI: <https://doi.org/10.1109/JCDL52503.2021.00020>
5. Jayawardana Y, Nwala AC, Jayawardana G, Wu J, Jayarathna S, Nelson ML, Giles C. Modeling Updates of Scholarly Webpages Using Archived Data. In Proceedings of IEEE BigData. IEEE BigData 2020; 2020.

Synergistic Activities

1. Teaching: (Under)graduate instructor - Web/Network Science (2018 -- Present). Lecturer for Middle/High school students - Problem Solving/Programming (2018). Tutor for undergraduate students - College/Linear Algebra, Calculus I/II, C++, etc. (2009 -- 2011).
2. Scientific Community Service: Tutorial and Workshop Chair; ACM/IEEE JCDL. Journal/Conference reviewer; PLoS ONE, IJDL, ACM/IEEE JCDL, and ACM WebSci.
3. Broadening the participation of underrepresented groups in STEM: Volunteer C++ instructor for middle/high school, Latino/Latina, and African American students (ages 11 - 16) (Jul - Nov 2018). Mentored two women on their high school senior project to develop a Physical Therapy System for the Microsoft Xbox Kinect (Aug 2013 -- Apr 2014). Computer programming lecturer/mentor for predominantly African American high school students (2009 -- 2011).

Certification:

When the individual signs the certification on behalf of themselves, they are certifying that the information is current, accurate, and complete. This includes, but is not limited to, information related to domestic and foreign appointments and positions. Misrepresentations and/or omissions may be subject to prosecution and liability pursuant to, but not limited to, 18 U.S.C. §§ 287, 1001, 1031 and 31 U.S.C. §§ 3729-3733 and 3802.

Certified by Nwala, Alexander in SciENCv on 2023-04-03 20:26:32