

## DeMarcus Montrez Thomas Sr.

### (a) Professional Preparation

Mississippi Valley State University	Itta Bena, MS	Computer Science	B.S., 2010
Norfolk State University	Norfolk, VA	Computer Science	M.S., 2012
Mississippi State University	Starkville, MS	Computer Science	Ph.D.* 2021 *(Expected)

### (b) Appointments

Research Engineer III, Center for Cyber Innovation, Mississippi State University, 2018 – Present

Research Engineer II, Distributed Analytics and Security Institute, Mississippi State University, 2015 – 2018

Research Associate II, Distributed Analytics and Security Institute, Mississippi State University, 2014 –2015.

Research Assistant, National Forensics Training Center, Mississippi State University, 2013 – 2014.

Security Intern, Pacific Northwest National Laboratory, 2012.

Cyber Defender Intern, Lawrence Livermore National Laboratory, 2011.

Teaching Assistant, Department of Computer Science, Norfolk State University, 2010-2011.

Summer Researcher, Oak Ridge National Laboratory, 2010.

Summer Research Assistant, Jackson State University, 2009.

Summer Corporate Intern, Caterpillar Inc. 2008.

Summer Intern, Fermi National Accelerator Laboratory 2007.

### (c) Products

[1] Hamilton, J.A., Jr., Pape, P. and Thomas, D. "Commercial Cyber Certifications for Military Reserve Components: A Public-Private Partnership," *American Society of Engineering Educators*, Salt Lake City, Utah, 24 – 27 June 2018.

[2] C. Miller, D. Glendowne, H. Cook, D. Thomas, C. Lanclos, and P. Pape, "Insights gained from constructing a large scale dynamic analysis platform," *Digital Investigation*, vol. 22, no. S, pp. S48–S56, Aug. 2017.

[3] N. Meghanathan, D. Thomas, and E. S. Addison, "The beaconless node velocity-based stable path routing protocol for unicasting and multicasting in mobile ad hoc networks," *Journal of Emerging Trends in Computing and Information Sciences*, vol. 2, no. 1, pp. 49–61, 2011.

[4] D. Thomas and N. Meghanathan, "Development of the multicast flow oriented routing protocol for mobile ad hoc networks," *Proceedings of the 48th Annual Southeast Regional Conference*, p. Article #96, 2010.

[5] N. Meghanathan, D. M. Thomas, and E. S. Addison, "Multicast extensions to the flow-oriented routing protocol and node velocity-based stable path routing protocol for mobile ad hoc networks," in *2009 International Conference on Ultra Modern Telecommunications and Workshops*, 2009.

#### **(d) Synergistic Activities**

[1] Serving as Co-PI for a grant focused on created cyber certification courses for military reserve components – Sponsor Agency: National Security Agency (NSA), Sponsor Award #: H98230-18-1-0349

[2] Serving as Co-PI for a grant focused on guiding Mississippi Valley State University through establishing a cyber security curriculum and assisting with the Center for Academic Excellence in Cyber Defense Application Process – Sponsor Agency: National Science Foundation (NSF), Sponsor Award #: 1820623

[3] Obtained Security+ certification (September 2019)

[4] Developed digital forensics scenarios for the 782D Battalion Cyber Forensics Challenge, Fort Gordon, GA (June 2016)