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CURRICULUM VITA

EDUCATION

- Ph.D. Computer Engineering, Mississippi State University, Starkville, MS, 2003
- M.S. Electrical Engineering, Beijing Polytechnic University, Beijing, China, 1999
- B.S. Electrical Engineering, Beijing Polytechnic University, Beijing, China, 1996

EXPERIENCE *(List all pervious teaching and administrative positions held relative to Higher Ed.)*

- Prairie View A&M University

Associate Professor, 2012 – present

Courses: Microcomputer Systems Design, Embedded Systems Design, Advanced Logic Design, CPU Architecture Hardware Design, Digital Signal Processing, Senior Design I & II, Digital Logic Circuits, Math Applications for Technology, Computer Applications for Technology I & II, and Intro to Engr CS and Technology.

PROFESSIONAL, TECHNICAL AND WORK-RELATED EXPERIENCE AND SKILLS

- Member of the IEEE
- Member of HKN

PROFESSIONAL ACHIEVEMENTS AND PUBLICATIONS *(5-7 most recent)*

- S. Cui, Y. Wang, Y. Yang, F. M. Nave, K. T. Harris, “Connecting Incoming Freshmen With Engineering Through Hands-On Projects,” American Journal of Engineering Education, vol. 2, No. 2, pp. 31-41, 2011.
- Y. Wang, S. Cui, Y. Yang, and J. Lian (2009): Virtual Reality Mathematic Learning Module for Engineering Students, Technology Interface Journal, vol. 10, No. 1.
- J. E. Fowler, S. Cui, and Y. Wang (2006): Motion Compensation via Redundant-Wavelet Multihypothesis, IEEE Transactions on Image Processing, vol. 15, pp. 3102-3113.
- S. Cui, Y. Wang, and J. E. Fowler (2006): Motion Estimation and Compensation in the Redundant-Wavelet Domain Using Triangle Meshes, Signal Processing: Image Communication, vol. 21, pp. 586-598.
- Principal Investigator, “MRI: Acquisition of a High Performance Computer Cluster for Multidisciplinary Computational Research at Prairie View A&M University,” NSF-MRI, \$394,222.
- Principal Investigator, “Establish an Intelligent Equipment Lab for Precision Agriculture at Prairie View A&M University,” Department of Agriculture, \$299,974, September 2012—August 2015.
- Co-principal Investigator, “BPC-DP: Building Computing Aptitude, Confidence, and Engagement for Students (Computing ACES);” NSF-BPC; \$599,085; Mar. 2010– Feb. 2013.