Mr. Willie Bossie

Asst. Professor, Dept. of Electrical Engineering and Computer Science

Contact Information

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Education

B.S. (Electronic Engineering Technology) Alabama A&M University, 1979.
M.S. (Computer Science) Alabama A&M University, 2000.

Teaching

Discrete Structures
Data Structures
Computer Organization
Operating Systems

Research Interests

High-Frequency Algorithmic Trading
Artificial Intelligence, Neural Networks, Fuzzy Logic
Robotics
Solar Energy

Active Funded Projects

Establishing a Robotics Laboratory for the Computer Science Program at Alabama A&M University, sponsored by D. Chance M. Glenn, Dean College of Engineering, Technology & Physical Sciences, Alabama A&M University. Funded for $8000 February 2013. Dr. Jian Fu and Willie Bossie.

Automating the College of Engineering, Technology, and Physical Sciences STEM Knowledge Center. Alabama A&M University Title III Grant Proposal 2013. Funded for $30,000 February 2013. Willie Bossie, Michelle Cunningham, and Mildred L. Stiger.

<u>Full list of publications</u>

Conference Papers

"An Application of Data Mining and Neural Networks for the Determination of Stock Trading Pairs" by Willie Bossie. ACM Mid-Southeast Conference November 11–12, 2010 Gatlinburg, Tennessee.

STEM DAY 2009 Alabama A&M University Poster Presentation. "Forecasting the Reservoir Level for Lake Sidney Lanier by Using a Multilayered Feedforward Artificial Neural Network". April, 3, 2009, Normal, Alabama.

"A Hybrid Mixture of Neural Networks, Fuzzy Logic and Expert Systems for the Generation of Trading Signals in a Financial Market". Willie Bossie and Chih-Cheng Hung, PhD. 5th International Conference on Business Information Systems BIS 2002. Poznan, Poland. April 24-25, 2002.

Professional Recognition

Other Activities

Summer 2010. Michael P. Anderson Summer Outreach Program 2010. Alabama A&M University. Electronic Subject Matter Expert.

Summer 2011. Michael P. Anderson Summer Outreach Program 2011. Alabama A&M University. Computer Hardware Subject Matter Expert.

Partners for Innovation in Information Technology (PIIT) Summer Camp 2011. Alabama A&M University. Alice Graphics Programming Instructor.

Member of Association for Computing Machinery (ACM)
Member of National Education Association (NEA)
Member of Alabama Education Association (AEA)