

KEVIN E. TERRELL

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EDUCATION

Tennessee State University, Nashville, TN Pursuing a PhD. in Computer and Information Systems Engineering	Estimated 2017
Tennessee State University, Nashville, TN M.S. Computer and Information Systems Engineering Thesis: <i>"Development of crack detection and length estimation software system"</i>	2013
Tennessee State University, Nashville, TN B.S. Electrical Engineering Areas of Concentration: Computers Minor: Business Management	2010

RELATED EXPERIENCE

Boeing Co., North Charleston, SC EO&T Smart Factory Technical Support Developed Conflict detection algorithm used in the MoveBoard app for Smart Factory. Aided in Updating MoveBoard app functions and operations.	June 2016 – August 2016
Boeing Co., Puyallup, WA BR&T CMC Technical Support Developed Asset Map Location web application to allow for users to find and update the location of assets on the CMC Frederickson Site floor. Developed an electronic version of a 10X-LEAN board for BR&T group meetings.	May 2015 – August 2015
Boeing Co., Ridley Park, PA V22/CH47 Component Engineering Intern Imported Life of Type Buy data into the new Obsolescence Case Management Case System (OCMS) application to improve Reports. Improved the existing Process guide for the integrated Product Standards Management (iPSM) & Document Process for In-Class & CATIA. Updated the Alternate Parts Substitution List for Incorporation to the D791-10367-1 Document.	May 2014 – August 2014
Boeing Co., St. Louis, MO MMSS Composites Engineering Intern Updated Testing Report Database for lab test results by developing templates for all test reports and uploading existing reports using the developed format. Updated Cost Analysis Report for project maintenance and review.	May 2013– August 2013
Boeing Co., St. Charles, MO Guidance and Control (GNC) Engineering Intern Helped develop method for Scan Eagle Compressed Carriage UAV aerial deployment. Updated MATLAB topology and made positive impact for future interns.	June 2012– August 2012
Universal Technology Corporation(UTC), Dayton, OH STAR-DP at AFRL <i>Conducted Artificial Intelligence Research in conjunction with the Air Force Research Lab.</i> Developed a set of classifiers for crack detection for aircraft structures. Investigated Dempster-Shafer method as the technique for classifier Fusion.	June 2011– August 2011
Tennessee State University, Nashville, TN Lone Star Competition 2010 partnering with Air Force Research Lab <i>Designed the tracking subsystem for an Urban Surveillance System.</i>	Sept 2009– April 2010

Determined the method and approach to track an identified target through an urban environment.
Helped with the integration of the Motion Detection, Identification, and Tracking subsystems.

PUBLICATIONS AND PAPERS

"Integrated fuzzy controllers for aircrafts under faulty flight conditions"
Paper Presented at the IEEE SoutheastCON, Lexington, KY 2014

"Intelligent Fuzzy Controller for Lateral Control of Aircraft Models"
Paper Presented at the IEEE SoutheastCON, Ft. Lauderdale, FL 2015

"Reconfigurable Control Strategy for Aircraft Model Operating Under Uncertainty"
Paper Presented at the IEEE SoutheastCON, Ft. Lauderdale, FL 2015

"Adaptable Reconfigurable Networked Controller for Lateral Control of Aircraft Models"
Paper Presented at the International Embedded Cyber Systems Conference, Las Vegas, NV,USA 2016

PROFESSIONAL MEMBERSHIPS

IEEE
NSBE