

Tori S. Wilbon

TEMPORARY

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PERMANENT

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OBJECTIVE

To earn a Bachelor's Degree in Computer Science with a concentration in Information Systems and a minor in GIS/Remote Sensing and to obtain my master's degree and use my knowledge and skills to begin a career in the computer science field.

EDUCATION

Elizabeth City State University, Elizabeth City, NC 27909 2013-Present
Major: Computer Science
Concentration: Information System
Minor: GIS/Remote Sensing
GPA: 3.7
Expected Graduation Date: May 2017

AWARDS

Center of Excellence in Remote Sensing Education and Research (CERSER) Scholarship 2013

RESEARCH/INTERNSHIPS

Student Trainee (Information Technology) 2016
United States Department of Agriculture, Economic Research Services, Information Service Division, Geographical Information Systems Research Support Branch
Washington, DC
Advisor: Vince Breneman

Correlation Between El Niño Southern Oscillation Index and Variations of Normalized Difference Vegetation Index in the Northeast North Carolina 2016
Elizabeth City State University, Elizabeth City, NC
Mentor: Dr. Jinchun Yuan

Producing 3D point cloud and digital elevation models through the use of unmanned aerial vehicles, Historic St. Luke's Church case study 2016
Elizabeth City State University, Elizabeth City, NC
Mentor: Mr. E. Clay Swindell

Developing an Active Contours Model for Layer Detection from Polar Radar Imagery 2015
Indiana University Bloomington, Bloomington, IN
Mentor: Mr. Jerome Mitchell

Documentation of Site Preparation for Installation of SeaSpace Ground Stations at ECSU 2015
Elizabeth City State University, Elizabeth City, NC

Mentors: Mr. Michael Osterhouse & Mr. Andrew Brumfield

Evaluating the Performance of MPI Java in FutureGRID 2014
Indiana University Bloomington, Bloomington, IN
Mentor: Dr. Geoffrey Fox & Mr. Saliya Enkayanke

Update of the CERSER TeraScan Cataloguing System and TeraScan Image 2014
Processing Scripts
Elizabeth City State University, Elizabeth City, NC
Mentor: Mr. Jeff Wood

PROFESSIONAL SKILLS

Windows OS	Python	Java
Macintosh OS	Adobe Photoshop	C++
Linux OS	TeraScan	HTML
Digital Camera	ArcMap	R
Global Positioning System	ArcCatalog	Perl
Microsoft Office	ArcGIS Pro	CSS
Adobe Dreamweaver	Multispec	JavaScript
Matlab	ENVI	

CONFERENCE/PRESENTATION

The Association of Computer/ Information Sciences and Engineering 2016
Departments at Minority Institutions (Presented)
Developing an Active Contours Model for Layer Detection from Polar Radar Imagery
Winston Salem, NC

Emerging Researchers National Conference in STEM 2016
Developing an Active Contours Model for Layer Detection from Polar Radar Imagery
Washington, DC

Research Week (Presented) 2015
Update of the CERSER TeraScan Cataloguing System and the TeraScan Image
Processing Scripts
Elizabeth City, NC

The Association of Computer/ Information Sciences and Engineering 2014
Departments at Minority Institutions (Presented)
Update of the CERSER TeraScan Cataloguing System and the TeraScan Image
Processing Scripts
Virginia Beach, VA

Memberships

Institute of Electrical and Electronic Engineers (IEEE) 2013-2017
Geoscience and Remote Sensing Society (GRSS)

Positions Held

IEEE-GRSS Treasurer of Student Chapter 2015-2017
IEEE-GRSS Branch Representative of Student Chapter 2014-2015