

Tatyana Zhakia Matthews

PERMANENT

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TEMPORARY

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Elizabeth City State University
Elizabeth City, North Carolina 27909
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OBJECTIVE

To gain expertise by obtaining a Bachelor's Degree in Computer Information Science, and with that knowledge pursue master and doctorate degrees in Human-Computer Interaction and Design.

EDUCATION

Elizabeth City State University
Fall 2013
Expected Graduation Date: May 2017
Major: Computer Information Science
GPA: 3.78

Elizabeth City, North Carolina

SKILLS

C++	NodeJS
Python	JSON
Java	React
JavaScript	Git Version Control System
MySQL	Macintosh Operating System
HTML	Windows Operating System

Linux Operating System
Microsoft Office Suite
Adobe Photoshop
Adobe Dreamweaver

AWARDS, HONORS, & SCHOLARSHIPS

Apple Historically Black Colleges and Universities (HBCU) Scholars Scholarship	2016-Present
Apple Historically Black Colleges and Universities HBCU Scholars Ambassador	2016-Present
Center of Excellence in Remote Sensing Education and Research Scholarship	2013-2016
University of North Carolina Campus Based Scholarship	2013-2016

INTERNSHIP & RESEARCH EXPERIENCE

"Software Engineering Intern" Apple Cupertino, California Manager: Hong Zhu	2016
"Investigating the Security Risks and Vulnerabilities of an Android System" Indiana University-Bloomington Bloomington, Indiana Mentor: Dr. Xiofeng Wang	2015
"Remote Sensing Archeological Sites through Unmanned Aerial Vehicle (UAV) Imaging" Elizabeth City State University Elizabeth City, North Carolina Mentor: Edward Swindell	2015
"Apache Big Data Stack" Indiana University-Bloomington Bloomington, Indiana Mentor: Scott McCaulay	2014

<p>“Configuring and Customizing the HUBzero Experience” Elizabeth City State University Elizabeth City, North Carolina Mentor: Justin Deloatch, Je’aime Powell</p>	<p>2014</p>
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PUBLICATIONS

Holness, C., Satchell, K., Matthews, T., Remote Sensing Archeological Sites through Unmanned Aerial Vehicle (UAV) Imaging, IEEE-Geoscience and Remote Sensing Society IGARSS Conference, Beijing, China, July 2016

PRESENTATIONS

<p>“Investigating the Security Risks and Vulnerabilities of an Android System” Poster Presentation Elizabeth City State University’s Research Week Elizabeth City State University Elizabeth City, North Carolina</p>	<p>2016</p>
<p>Poster Presentation Association of Computer/Information Sciences and Engineering Departments at Minority Institutions (ADMI) Conference Winston-Salem, North Carolina</p>	<p>2016</p>
<p>Poster Presentation Indiana University Summer Research Opportunities in Computing (IU-SROC) Program Indiana University-Bloomington Bloomington, Indiana</p>	<p>2015</p>
<p>“Apache Big Data Stack” Poster Presentation Elizabeth City State University’s Research Week Elizabeth City State University Elizabeth City, North Carolina</p>	<p>2015</p>
<p>Poster Presentation National Association of African-American Honors Programs (NAAHP) Conference Jackson, Mississippi</p>	<p>2014</p>
<p>Poster Presentation Indiana University Summer Research Opportunities in Computing (IU-SROC) Program Indiana University-Bloomington Bloomington, Indiana</p>	<p>2014</p>

CONFERENCES

<p>Black Engineer of the Year Awards Conference Washington, D.C.</p>	<p>2015</p>
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AFFILIATIONS & MEMBERSHIPS

<p>Pi-Byte Mathematics & Computer Science Club Secretary</p>	<p>2016-Present</p>
<p>IEEE-Geoscience & Remote Sensing Society (GRSS) President of Eastern North Carolina Chapter #03191</p>	<p>2015-Present</p>
<p>IEEE-Geoscience & Remote Sensing Society (GRSS) Vice President of Eastern North Carolina Chapter #03191</p>	<p>2013-2015</p>