Tatyana Zhakia Matthews

PERMANENT
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TEMPORARY
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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   Elizabeth City, North Carolina
Fall 2013
Expected Graduation Date: May 2017
Major: Computer Information Science
GPA: 3.78

SKILLS

C++	NodeJS	Linux Operating System
Python	JSON	Microsoft Office Suite
Java	React	Adobe Photoshop
JavaScript	Git Version Control System	Adobe Dreamweaver
MySQL	Macintosh Operating System	
HTML	Windows Operating System	

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"   2016
> Apple
> Cupertino, California
> Manager: Hong Zhu

"Investigating the Security Risks and Vulnerabilities of an Android System"   2015
> Indiana University-Bloomington
> Bloomington, Indiana
> Mentor: Dr. Xiofeng Wang

"Remote Sensing Archeological Sites through Unmanned Aerial Vehicle (UAV) Imaging"   2015
> Elizabeth City State University
> Elizabeth City, North Carolina
> Mentor: Edward Swindell

"Apache Big Data Stack"   2014
> Indiana University-Bloomington
> Bloomington, Indiana
> Mentor: Scott McCaulay

"Configuring and Customizing the HUBzero Experience"   2014
        Elizabeth City State University
        Elizabeth City, North Carolina
        Mentor: Justin Deloatch, Je'aime Powell

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
"Investigating the Security Risks and Vulnerabilities of an Android System"
        Poster Presentation   2016
                Elizabeth City State University's Research Week
                Elizabeth City State University
                Elizabeth City, North Carolina
        Poster Presentation   2016
                Association of Computer/Information Sciences and Engineering Departments at
                Minority Institutions (ADMI) Conference
                Winston-Salem, North Carolina
        Poster Presentation   2015
                Indiana University Summer Research Opportunities in Computing (IU-SROC) Program
                Indiana University-Bloomington
                Bloomington, Indiana

"Apache Big Data Stack"
        Poster Presentation   2015
                Elizabeth City State University's Research Week
                Elizabeth City State University
                Elizabeth City, North Carolina
        Poster Presentation   2014
                National Association of African-American Honors Programs (NAAAHP) Conference
                Jackson, Mississippi
        Poster Presentation   2014
                Indiana University Summer Research Opportunities in Computing (IU-SROC) Program
                Indiana University-Bloomington
                Bloomington, Indiana

CONFERENCES
Black Engineer of the Year Awards Conference   2015
Washington, D.C.

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