

Tatyana Zhakia Matthews

PERMANENT

2541 Richard Rozzelle Drive
Charlotte, North Carolina 28214
(704) 737-4340
matthews.tatyana17@gmail.com

TEMPORARY

Campus Box 672
1704 Weeksville Road
Elizabeth City State University
Elizabeth City, North Carolina 27909
(252) 335-3400
tzmatthews849@students.ecsu.edu

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
"Quantifying Sargassum Boundaries on Eastern and Western Walls of the Gulf Stream Protruding Near Cape Hatteras into Sargasso Sea Bermuda/Azores" Elizabeth City State University Elizabeth City, North Carolina Mentor: Andrew Brumfield	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
---	------

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

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 Elizabeth City State University's Research Week Elizabeth City State University Elizabeth City, North Carolina	2016
--	------

Poster Presentation Association of Computer/Information Sciences and Engineering Departments at Minority Institutions (ADMI) Conference Winston-Salem, North Carolina	2016
--	------

Poster Presentation Indiana University Summer Research Opportunities in Computing (IU-SROC) Program Indiana University-Bloomington Bloomington, Indiana	2015
--	------

"Apache Big Data Stack" Poster Presentation Elizabeth City State University's Research Week Elizabeth City State University Elizabeth City, North Carolina	2015
--	------

Poster Presentation National Association of African-American Honors Programs (NAAAHP) Conference Jackson, Mississippi	2014
---	------

Poster Presentation Indiana University Summer Research Opportunities in Computing (IU-SROC) Program Indiana University-Bloomington Bloomington, Indiana	2014
--	------

CONFERENCES

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

AFFILIATIONS & MEMBERSHIPS

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