

Tatyana Zhakia Matthews

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OBJECTIVE

Recent summa cum laude computer science graduate seeking employment opportunities in the technology field.

EDUCATION

Elizabeth City State University (May 2017)
Bachelor of Science, Computer Science
GPA: 3.83

Elizabeth City, North Carolina

SKILLS

C++
HTML
CSS
Python
Bootstrap

Git Version Control System
Microsoft Office Suite
Adobe Dreamweaver
Scrum Methodology
Docker

Macintosh Operating System
Windows Operating System
Linux Operating System
Adobe Photoshop
MySQL

AWARDS, HONORS, & SCHOLARSHIPS

Apple Historically Black Colleges and Universities (HBCU) Scholars Scholarship	2016-2017
Apple Historically Black Colleges and Universities HBCU Scholars Ambassador	2016-2017
Center of Excellence in Remote Sensing Education and Research Scholarship	2013-2016
University of North Carolina Campus Based Scholarship	2013-2016

INTERNSHIP & RESEARCH EXPERIENCE

"Web-enabling Interactive Parallelization Tool" Texas Advanced Computing Center Austin, Texas Mentor: Ritu Arora	2017
"Enhancing Interactivity and engagement to the Science Gateway Community Institute Workforce Development Site" Elizabeth City State University Elizabeth City, North Carolina Mentor: Jeff Wood	2017
"Software Engineering Intern" Apple Inc. 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 Mentors: Justin Deloatch, Je’aime Powell</p>	<p>2014</p>
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ADDITIONAL EXPERIENCE

Software Engineering Course • Elizabeth City, NC (2016)

- Oversaw as product owner that the project was conducted under Scrum principles
- Defined and prioritized product features according to user requirements
- Documented and designed wireframes considering user requirements for effective application design

PUBLICATIONS

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

CONFERENCES & PRESENTATIONS (Presented*)

<p>Association of Computer/Information Sciences and Engineering Departments at Minority Institutions (ADMI) Conference* Virginia Beach, Virginia</p>	<p>2017</p>
<p>Elizabeth City State University’s Research Week* Elizabeth City State University Elizabeth City, North Carolina</p>	<p>2016</p>
<p>ADMI Conference* Winston-Salem, North Carolina</p>	<p>2016</p>
<p>Thurgood Marshall College Fund Leadership Institute Conference Washington, D.C.</p>	<p>2015</p>
<p>Indiana University Summer Research Opportunities in Computing (IU-SROC) Program* Indiana University Bloomington Bloomington, Indiana</p>	<p>2015</p>
<p>Elizabeth City State University’s Research Week* Elizabeth City State University Elizabeth City, North Carolina</p>	<p>2015</p>
<p>National Association of African-American Honors Programs Conference* Jackson, Mississippi</p>	<p>2014</p>
<p>IU-SROC Program* Indiana University Bloomington Bloomington, Indiana</p>	<p>2014</p>

AFFILIATIONS & MEMBERSHIPS

<p>Pi-Byte Mathematics & Computer Science Club Secretary</p>	<p>2016-2017</p>
<p>IEEE-Geoscience & Remote Sensing Society (GRSS) President of Eastern North Carolina Chapter #03191</p>	<p>2015-2016</p>
<p>IEEE-GRSS Vice President of Eastern North Carolina Chapter #03191</p>	<p>2013-2015</p>