

## **Ricky Trevonne Lydell Dixon**

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### **OBJECTIVE**

To enhance skills needed to prepare me for graduate school through academic courses and research.

### **EDUCATION**

Mississippi Valley State University 2012-Present  
Itta Bena, Mississippi  
Major: Mathematics Education  
GPA: 3.0  
Expected Graduation Date: May 2016

### **RESEARCH**

#### **Research Experience for Undergraduates in Ocean, Marine, and Polar Sciences 2015**

Elizabeth City, North Carolina  
A Corresponding Study of Water Quality Evaluation of the Pasquotank Watershed in  
Northeast North Carolina

#### **National Oceanic and Atmospheric Administration 2014**

Silver Springs, Maryland  
The Effects of Seasonal Flooding on the Mississippi Delta and Future Adaptation  
Management Planning

#### **National Science Foundation 2013-2014**

Itta Bena, Mississippi  
Solving Real-World Applications of Integration Using Mathematica

#### **Watershed Watch 2013**

Elizabeth City, North Carolina  
How Campus Development Affects Forest Growth

#### **Research Experience for Undergraduates in Ocean, Marine, and Polar Science 2013**

Elizabeth City, North Carolina  
Using Common Core State Standards of Seventh Grade Mathematics in the Application of  
NXT LEGO® robotics for CREsis Middle School Students

## **CERTIFICATIONS/**

Word  
Excel  
PowerPoint  
Dreamweaver

Photoshop  
Python  
Mathematica  
Mac OS X

CPR/First Aid  
USCG Boating Safety  
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## **AWARDS**

Mathematics Ayers Scholar  
Alpha Lambda Delta Honor Society  
Kappa Delta Pi Honor Society in Education  
Alpha Phi Alpha Fraternity Inc

## **CONFERENCES**

The Association of Computer/Information Sciences and Engineering Departments at Minority Institutions Conference 2013, 2014, 2015  
The Emerging Researchers National (ERN) Conference in Science, Technology, Engineering and Mathematics (STEM) 2014  
The Emerging Researchers National Conference in Science, Technology, Engineering, and Mathematics 2015