

# Andrew R. Brumfield

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## Permanent Address

504 Morton farm Rd  
Holly Springs, North Carolina 27540

## Temporary Address

1315 Moore Street  
Elizabeth City, North Carolina 27909

## Objective Statement

Mathematics Graduate student with a concentration in Remote Sensing currently seeking a Postdoctoral researcher position in the field of Remote Sensing, Computer Aided Design Engineering, and Software Engineering fields.

## Education

Elizabeth City State University Graduate Student  
Major: Mathematics  
Concentration: Remote Sensing  
Expected Graduation Date: December 2015

Elizabeth City State University  
Major: Engineering Technology  
Concentration: Mechanical & Automation  
Graduation Date: May 2013

## Professional Skills

Adobe Dreamweaver  
Adobe Photoshop  
Auto Cad  
Aquamacs Emacs  
C++  
Envi  
Google Drive

Git Hub  
Linux  
Open Office  
Macintosh OSX  
Microsoft Office  
MultiSpec  
Perl

Pro Enginner  
Python  
SolidWorks  
TeraScan  
Unix  
Video Editing  
Wolfram Mathematica

## Research & Work Experiences

Academic Year Undergraduate Research Experience 2013-2016  
Position: Graduate Assistant, Mentor  
Elizabeth City State University

Research Experience for Undergraduates in Ocean, Marine, and Polar Science 2015  
Position: Graduate Assistant, Mentor  
Elizabeth City State University

*Documentation of Site Preparation for Installation of SeaSpace Ground Stations* 2015-2012  
*Mentor: Andrew Brumfield & Mr. Osterhouse*  
Elizabeth City State University

Graduate Research Experience Norway Glacier Exploration	2014
Research Experience for Undergraduates in Ocean, Marine, and Polar Science Position: Graduate Assistant, Mentor Elizabeth City State University	2014
HockMeyer Equipment Corporation Position: Compute Aided Drafting Technician 6 Kitty Hawk Ln, Elizabeth City, NC	2013
<i>Analyzing Long-Term Drought Effects on Land Surface Temperature and Vegetation Using Aqua-1 Satellite Data</i> Mentor: Je'Aime Powell	2012

**Awards & Scholarships**

CERSER Scholarship	2013-2016
Omega Psi Phi 6th District Graduate Scholarship Grant Award	2014-2015
2014 North Carolina GIS Conference Herb Stout Award	2015
Most Improved Player Men's Lacrosse MCHS	2008

**Conferences**

IGARSS 2015 Remote Sensing: <i>Understating the Earth for a Safer World</i> INTERNATIONAL GEOSCIENCE AND REMOTE SENSING SYMPOSIUM Milan, Italy *Oral Presentation	2015
North Carolina GIS Conference: <i>Mobile and Global</i> Raleigh, NC *Oral Presentation	2015
Black Engineer of the Year Awards Washington, D.C.	2015
NASA Langley Sigma Series, A Forum on Science & Technology <i>Taking the long view: How ISAAC Prepares LaRC for the Future</i> Virginia Air & Space Center's Theater	2015
NSF CReSIS Final Site Visit National Science Foundation Washington, D.C. *Poster Presentation	2014
IEEE Leadership Training Greensboro, North Carolina	2014
SEA Software Engineering Confernece NCAR's Center Green Campus Boulder, Colorado	2014

**Professional Affiliations**

Institute of Electrical and Electronics Engineers Inc. (IEEE)  
Geoscience & Remote Sensing Society (GRSS)

ECSU Student Chair

Delta Iota Chapter of Omega Psi Phi Inc.

Keeper of Finance

