

# Joyce E. Bevins

## Current

Elizabeth City State University  
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## Home

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## OBJECTIVE

To develop and acquire various research skills, training, job opportunities and experience in preparation for graduate school.

## EDUCATION

Elizabeth City State University (ECSU) 2008 - Present  
Elizabeth City, NC 27909  
Major: Computer Science  
Minor: Aviation Science  
GPA: 3.0  
Expected Graduation Date: December 2012

## EXPERIENCE

Burney & Burney Construction Company, Inc. 2011-2012  
- Administrative Assistant

## SKILLS AND TRAINING

Dreamweaver	MySQL	Mathematica
LINUX	UNIX	Apache
Macintosh OS X	MYSQL	Windows XP
Adobe Photoshop	C++	
ENVI	Digital Camera	
Hadoop	HTML	

## MEMBERSHIPS

Institute of Electrical and Electronics Engineers Geoscience & Remote Sensing Society (IEEE GRSS) 2008-Current  
Eli Lu Portraits and Designs Chief Executive Officer 2009-Current  
Eli Lu Productions Chief Executive Officer 2009-Current  
ECSU Mass Media Club Publicity Chair 2011  
Children Harnessing Intimate Language Daily (CHILD) Vice President 2010-2011  
ECSU Mass Media Club's Events Chair 2008-2010

## AWARDS

Mill Creek Community Service Award in Philadelphia, PA 2012  
ECSU Research Award 2008-2012  
Center of Excellence in Remote Sensing Education and Research (CERSER) scholarship 2008-Current  
Elvira B. Peirce Scholarship 2008  
Louis Stokes Alliance for Minority Participation in Science (LSAMPS) 2008

## RESEARCH

### **The Use of Math Sprint in a Tutorial Program for Seventh Grade Students to Improve End of Grade (EOG) Test Scores**

Mentor: Dr. Darnell Johnson

Elizabeth City State University, Elizabeth City, NC

Academic Year 2011-2012

### **Analyzing MapReduce Frameworks Hadoop and Twister**

Mentors: Thilina Gunarathne, Stephen Wu, and Bingjing Zhang

Indiana University, Bloomington Indiana

Summer 2011

### **Validation of the 2003 Antarctic Grounding Line through the use of ENVI**

Mentor: Dr. Malcolm LeCompte

Elizabeth City State University, Elizabeth City, NC

Academic Year 2010-2011

### **Data Point Visualization and Clustering Analysis**

Mentor: Jong Youl Choi, Ruan Yang, and Seung-Hee Bae

Indiana University, Bloomington Indiana

Summer 2010

### **Analyzing and Evaluating the Features and Data on Mars**

Mentor: Dr. Eric Akers

Elizabeth City State University, Elizabeth City, NC

Academic Year 2010-2011

### **Creating Social Networking Applications for PolarGrid, while applying Facebook Application Programming Interface (API), and Filtering Ice sheet data from Greenland using Web technologies, such as XML, Apache, PHP, and MySQL**

Mentor: Dr. Marlon Pierce

Indiana University, Bloomington Indiana

Summer 2009

### **Evaluation and Implementation of Web 2.0 Technologies in Support of CReSIS Polar and Cyber infrastructure Research Projects at Elizabeth City State University**

Mentor: Jeff Wood

Elizabeth City University, Elizabeth City, NC

Academic Year 2008-2009

## CONFERENCES

### **Black Engineer of the Year Awards (BEYA) Conference**

Washington, DC

2011

Baltimore, Maryland

2009, 2010

### **The Summer Research Opportunities Program (SROP) Conference**

The Ohio State University

2010, 2011

Michigan State University

2009

### **Association of Computer/Information Sciences and Engineering Departments at Minority Institutions (ADMI) Symposium**

Jackson State University

2010