

Autumn J. Luke

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OBJECTIVE

To obtain the knowledge and skill I need from undergraduate research that will allow me to further my education to be a successful computer scientist.

EDUCATION

Elizabeth City State University 2010 - Present

Major: Computer Science

Minor: Remote Sensing

Expected Graduation Date: May 2014

SKILLS

Adobe Dreamweaver

Adobe Photoshop

C++

GIS

GPS

JavaScript

LINUX/GRID

Mac OSX

Microsoft

Visual Studio

RESEARCH EXPERIENCE

“Redesign of the CERSER Cataloguing System for TeraScan® Processed Images”

Spring 2011, Elizabeth City State University, Elizabeth City, NC

“Analyzing MapReduce Frameworks Hadoop and Twister”

Summer 2011, STEM Summer Scholars Institute, Bloomington, IN

“The Use of Math Sprint in a Tutorial Program for Seventh Grade Students to Improve End of Grade Test Scores”

Spring 2012, Elizabeth City State University, Elizabeth City, NC

“Analyzing Long-Term Drought Effects Using Satellite Data”

Summer 2012, SeaSpace, Poway, CA & Elizabeth City State University, Elizabeth City, NC

CONFERENCES (**Oral Presentation *Poster Presentation)

Celebration of Women in Mathematics

October 2010, Elizabeth City State University, Elizabeth City, NC

Women of Color STEM Conference

October 2010, Dallas, TX

2nd BEYA Conference VEX College Challenge

February 2011, Washington, DC

**2011 CIC/SROP Summer Research Conference

July 2011, Ohio State University, Columbus, OH

**STEM Summer Scholars Institute

July 2011, Indiana University-Purdue University Indianapolis, Indianapolis, IN

Celebration of Women in Mathematics

October 2011, Elizabeth City State University, Elizabeth City, NC

AWARDS

Louis Stokes Alliances for Minority Participation June-July 2010

Elizabeth City State University

Watershed Program August 2010- December 2010

Elizabeth City State University

ECSU Tuition Offset Grant August 2010-May 2011

Elizabeth City State University

Center of Excellence in Remote Sensing Education and Research August 2010-May 2011

Elizabeth City State University

ORGANIZATIONS

Institute of Electrical and Electronics Engineers (IEEE) October 2010-Present

Geoscience and Remote Sensing Society (GRSS) October 2010-Present