Cheniece Arthur

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Permanent Address	**Current Address**
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Objective
To complete my Bachelor's degree in Computer Science with an intent to obtain a Master's degree in Civil Engineering.

Education
B.S. Computer Science (expected date of graduation May 2008)
Elizabeth City State University Elizabeth City, NC
Major Computer Science   Minor Aviation Science
GPA 3.25

Computer and Application Skills

Software	Programming Languages	Microsoft Office
C++	Macromedia Dreamweaver	HTML
Macromedia Fireworks	UNIX	WeBots
Matlab	Java	

Work Experience
Summer 2005
Undergraduate Research Experience (URE)   **Elizabeth City State University, Elizabeth City, NC**
I examined how Sea Surface Temperature and Chlorophyll-a effects Bottlenose dolphins. With this data I identified factors which determined the presence or lack of presence of the dolphins. My field work was conducted in the Lower Chesapeake Bay and nearshore areas off the coast of Virginia. I was responsible for collecting and presenting data information on Sea Surface Temperature and Chlorophyll-a levels. In addition, I was also responsible for developing a web page for my research.

Summer 2006
Undergraduate Research Experience Internship (URE)   **Lawrence, KS**
I used simulations to test robot formations and shape changes. I designed robots in a robot simulation software package called Webots. The overall goals were to successfully create a robotic simulation that showed how numerous robots would assemble in order to collect seismic data, and in addition, build detailed individual robots.

Summer 2007
Center for Embedded Networking Systems (CENS)   UCLA   Los Angeles, CA
The objective of the project was to show that images taken of the *Tortula princeps* in a controlled light setting would be better suited than using ambient light when trying to gather the red, green, and blue pixels values present per picture. The pixel value determined the average red, green, or blue wavelengths in each image and the wavelength data helps to verify the state of the plant in both its desiccated or hydrated states. Using the Sony SNC-RZ30N and the Cyclops cameras as biological sensors, allowed for images to be gathered and then processed through a Matlab application

Activities and Honors

- Placed 3rd at the National Technological Association Conference for summer research during the summer of 2006
- Chancellor's List   (fall 04)
- Dean's List   (spring 05)
- Honor Roll   (fall 05)
- Honor Roll   (fall 06)
- Dean's List   (fall 07)
- Member of the ECSU Women's Basketball Team (fall 2004-spring 2008)
- Member of the ECSU Women's Cross Country Team (fall 2004-fall 2006)
- Center of Excellence in Remote Sensing Education and Research (CERSER) Scholarship Recipient
- Member of the Delta Theta Chapter of Alpha Kappa Alpha Sorority Incorporated