Natalie D. Kerby

Raleigh, North Carolina

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**SKILLS**

**Computer Languages:***Proficient* -Perl, Microsoft PowerShell

*Familiar -*Java, C, UNIX, HTML, XML, CSS

**Development Methodologies:** Agile, Scrum, Waterfall

**PROJECTS**

**Project Euler** 9/13 – Present

* + - Open to the public project where I program problems in Perl to continue expanding my knowledge.

**WORK EXPERIENCE**

**NetApp**, Raleigh, NC 6/13 – Present

Flash Accel QA Engineer

* + - Continue to create and expand Flash Accel’s automation tests.
    - Currently working on a positive/negative testing suite for PowerShell cmdlets.

**NetApp**, Raleigh, NC 5/12 – 12/12

Engineering Intern

* + - Created an automated sanity test program to run on nightly builds.
    - Learned and used Perl and Microsoft PowerShell to create the automation program.
    - Worked in an energetic team across multiple corporate locations.

**RESEARCH EXPERIENCE**

**Engage Research**, Raleigh, NC  8/12 – 5/13

Undergraduate Research Assistant

* + - Funded by the National Science Foundation.
    - Creating an educational computer game to introduce computer science principles to middle school students.
    - Brainstorm and created levels within a team of graduate students.

**JavaTutor Research**, Raleigh, NC  8/11 – 5/12

Undergraduate Research Assistant

* + - Funded by the National Science Foundation.
    - Monitored tutoring session to ensure that we are acquiring data from the GSR sensor, 360 Kinect, and internal computer camera.
    - Collaborated on code to recognize different postures and gestures of the students in the Kinect recordings.

**PUBLICATIONS**

**Repairing Disengagement in Collaborative Dialogue for Game-Based Learning** 6/13

Proceedings of the 16th International Conference on Artificial Intelligence in Education, Memphis, Tennessee.

* Fernando J. Rodríguez, Natalie D. Kerby, and Kristy Elizabeth Boyer.

**EDUCATION**

**North Carolina State University**, Raleigh, NC  May 2013

Bachelor of Science, *cum laude*

Major – Computer Science | Minor – Graphic Communications

**AWARDS**

**Dean’s List**, Four Semesters

**Bitzer Creativity Award**

**■** Presented from the Computer Science Department for my photography (only two awarded each year.)

**INTERESTS**

Sailing, Camping, Hiking, Photography, Woodturning,