Natalie D. Kerby

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EDUCATION

North Carolina State University, Raleigh, NC   May 2013
Bachelor of Science, *cum laude*
Major – Computer Science | Minor – Graphic Communications

SKILLS

Computer Languages: Perl, Java, C, Microsoft PowerShell, UNIX, HTML
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 Software 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.

Engineering ITECS, Raleigh, NC   5/11 – 9/12
Engineering Helpdesk Consultant
- Maintain a running network in computer labs and printers.
- Assist users and answer a multitude of technical questions.

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.

AWARDS

Dean's List, Four Semesters
Bitzer Creativity Award
- Presented from the Computer Science Department for my photography (only two awarded each year.)

EXTRACURRICULARS

Sailing Club, Secretary, North Carolina State University   6/10 - 6/11