AUTOMATION IN THE CLASSROOM

presented by

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Abstract:
Do you spend more time grading code than teaching students? Do you worry about grading consistency and objectivity? Do you dream about having a grading robot or trained grading monkey? If so, we (the Clemson ACM student chapter) want to help. We want to help you automate grading tasks in order to save time, reduce stress, and improve student behaviors and outcomes. We will talk about tools and techniques that encourage test driven development, reduce procrastination, provide feedback more quickly, and more closely mimic the professional software development environment. Concerned about accuracy, confidentiality, and security? We’ll talk about that too. It’s not just a theory: we will show you how autograding is already a reality in some Clemson computing classrooms, and how it can be a reality for you.

Bio:
Clemson’s local chapter of the Association for Computing Machinery organizes student-led events with the goal of fostering knowledge and a sense of community among School of Computing students. Every semester, we lead seminars that teach basic Linux skills, techniques for tackling projects, and how to take advantage of useful computing tools. We also sponsor Clemson’s programming team, which competes in algorithmic problem solving against schools like Georgia Tech and University of Central Florida. Of course, we love running fun events too, like LAN parties and study breaks. In short: we run cool computing events for cool computing people.

Friday, April 22, 2016 @ 2:30 pm     McAdams Hall, Room 119

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