Computer Science Colloquium

Tuesday, September 3, 2013
3:30pm – 4:45pm
Petty Building, Room 150

HCI/Software Engineering
Helping Developers Find Useful Tools

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Abstract:

Software developers have thousands of tools at their fingertips, but an individual developer will use only a small fraction of them. Some of the tools will be useless to the developer while others may be very useful, but a developer has only limited time to learn new tools. In this talk, I discuss the challenges that developers face in maintaining awareness of useful tools, as well as some solutions, including recommending commands that a developer is not using, but should be; giving a developer the benefits of a tool without having to know the tool exists; and connecting developers with peers who already use useful tools.

Speaker Bio:

Emerson is an assistant professor at North Carolina State University and Visiting Researcher at Microsoft Research. His research interests include the intersection between human-computer interaction and software engineering. In 2010, completed a post-doc with Gail Murphy at the University of British Columbia. He completed a Ph.D. in Computer Science from Portland State University in 2009 under Andrew P. Black. He holds a B.S. from the Evergreen State College. You can find his webpage at: http://people.engr.ncsu.edu/ermurph3/.