What to Wear: Views on Attire for Teaching CS

Fernando Lemmas
(moderator)
Studio 8H
1st line of address
2nd line of address
Telephone number, incl.
country code
fernando@snl.edu

Cal T. More
Thoreau College
1st line of address
2nd line of address
Telephone number, incl.
country code
cal@thoreau.edu

Ada Necklace
Babbage University
1st line of address
2nd line of address
Telephone number, incl.
country code
ada@babbage.edu

Grace M. Hopper
U. S. Navy
1st line of address
2nd line of address
Telephone number, incl.
country code
grace@navy.mil

Categories and Subject Descriptors
• Information systems→Database management system engines • Computing methodologies→Massively parallel and high-performance simulations. This is just an example, please use the correct category and subject descriptors for your submission. The ACM Computing Classification Scheme:
http://www.acm.org/about/class/class/2012. Please read the HOW TO CLASSIFY WORKS USING ACM'S COMPUTING CLASSIFICATION SYSTEM for instructions on how to classify your document using the 2012 ACM Computing Classification System and insert the index terms into your Microsoft Word source file.

Keywords
Clothing; T-shirts; Wearable Computing; COBOL

1. SUMMARY
Most Computer Science instructors must wear clothing while teaching. The choice of clothing can have an impact on student learning [1, 2] and sends a message to students about the field as a whole [3]. This panel addresses the question of what to wear while teaching by presenting the viewpoints of three different Computer Science instructors. Particular attention will be given to the research basis for panelists’ clothing choices and the impact on student learning.

2. CAL T. MORE
As an instructor at small liberal arts college, I have always believed that a Computer Science-themed T-shirt is the best attire for teaching. Merits of this approach include ease of doing laundry and low expense. I have found that students do 20% better on binary search tree questions when I teach the material while wearing my favorite BST shirts [4]. An amazing variety of CS-themed shirts are available on the market and it is also quite easy to make your own. I will show examples of T-shirts I have used over the years with great success as well as T-shirts whose message has been misinterpreted.

3. ADA NECKLACE
As researcher on wearable computing, I believe it is important to integrate my research with my classroom teaching. Wearing smart fabrics with integrated LEDs allows me to really emphasize a point in a memorable way. Sensors allow me to control my slides by merely touching together my gloved fingers. In addition, I find increased efficiency in my own tasks while at the same time improving student learning outcomes [5]. With my optical head-mounted display I can view students’ test scores and catch up on emails while simultaneously describing how to build a multi-threaded operating system.

4. GRACE M. HOPPER
Instructors should model clothing students should expect to wear in their future careers as Computer Scientists. As an instructor, nothing says authority like a well-pressed uniform. In multiple studies, I have found that students check their email and text their friends 30% less during my lectures than with other COBOL instructors [6].

5. REFERENCES
http://doi.acm.org/10.1145/611892.611918

http://doi.acm.org/10.1145/1028174.971323


http://doi.acm.org/10.1145/964696.964697.

http://dx.doi.org/10.1016/j.jss.2005.05.030.
Columns on Last Page Should Be Made As Close As Possible to Equal Length