CE1: Hands-On Computer Engineering

Research Problems 7

1. Final Possibilities: Undergraduate Research Poster Symposium, June 4, 2:00-4:00 PM, E2 Courtyard. Senior Design Contest, Friday June 12, 4pm-7pm. Senior design presentations during finals week.

2. Event possibilities (Required (!), if not yet done; say if done.). SWE meetings Thursdays 5-6, BE318. SHPE Poker Night ($10 entry fee) Thursday, May 14, 2009 6:00 PM, Coffee cart area of Baskin Engineering. IEEE/SWE Dunk Tank, Wednesday, May 20th, 2009 10AM-4PM, E2 Plaza. SWE Fundraiser SWE Fundraiser: Pizza My Heart, Tuesday, May 19 at 4:00pm-9:00 PM.

Briefly write about the event or meeting you attended. Would you attend again? Was it about interesting things? How could the meeting or event be improved? In the case of poker, dunk take, or pizza, talk to some of the organizers about their group & what they do.

3. Go to the office hours of one of your classes and introduce yourself (you can tell them this is an assignment!). Possible topics could be questions about an upcoming (or completed) midterm, what courses you should take next quarter based on your interests, or anything else. Briefly write about the visit. Was anyone else there?

4. Project interview. Provide an update on your progress. Hand in your completed (individual) report next week or on May 27.

5. Rogue lab
   a. Go through the rogue lab a second time, starting with expanding the archive. You will need a copy of ssh on your machine. On a Mac, you can type “ssh” from a command window. On a windows machine, you need to download a copy of “ssh”, http://its.ucsc.edu/service_catalog/software/apps/ssh.php.
   b. Were you able to complete the lab and modify the code? Did you get a high score?
   c. How many lines of code does rogue have? How many files? What unix commands did you use to figure this out quickly?
   d. What did the tar options x and f do (this should be written down in your notebook from lab)?
   e. Looking back at your lab notebook (and googling about unix), what do you think are the 5 most important unix commands, and why?
   f. If you had a few weeks (as well as a few programming classes), how would you like to change rogue to make it more fun?