EECS 16A Designing Information Devices and Systems I
Spring 2018 Homework 0

This homework is due January 22, 2018 at 23:59.
Self-grades are due January 25, 2018 at 23:59.

This homework is simply administrative and meant to collect some basic information. Make sure that you are comfortable with submitting homework. Actual homeworks will start next week.

Submission Format
Your homework submission should consist of **one** file.

- `hw0.pdf`: A single PDF file that contains all of your answers (any handwritten answers should be scanned).

Submit the file to the appropriate assignment on Gradescope.

1. Background

(a) What is your name?

Solution: Vladmir Stojanovic

(b) Tell us about yourself. Where are you from, what are your hobbies, etc.

Solution: I was born in Serbia, did my undergrad there and finished my PhD at Stanford. These days my guitar playing and skiing hobbies have mostly turned into raising two teenagers.

(c) What would you like to learn from this course?

Solution: I'd like to learn of the best ways to get people excited about the technology.

(d) What would you like to learn from courses in the EECS department before you graduate?

Solution: As a middleschooler I was fascinated by programming but then got into physics more in highschool and in college found EECS to be the perfect match for my interests that spanned all the way from the bit to the electron. I am still fascinated by that vertical connection and will continue to explore the new technologies up and down the EECS stack.

(e) What is a technology that you would like to see invented in the next ~ 20 years? What might be needed to realize this?

Solution: Some of the key technologies are making computers even more powerful so they can help us with many scientific breakthroughs as well as enabling a variety of autonomous devices and systems to help people in everyday lives. My third wish is better instrumentation and hardware that interacts with humans down to the cellular level to help understand and fight-off diseases, aging, etc.

(f) Tell us about your academic background. What math and physics courses have you taken in high-school?

Solution: In high school, I took the equivalent of Math BC and basic mechanics/electrostatics-dynamics/nuclear-physics (I competed a lot in Physics).

(g) What platform do you use (Mac/Linux/Windows)?

Solution: I use Windows and Linux.

(h) In your opinion, what is the reason behind the iPhone's success?

Solution: I think it was all about the design and the interface. The touchscreen technology enabled both a cool design and an easy to use interface and Apple recognized this and seized the opportunity to do it the right way. We should never forget the power of great technology coupled with great design.

2. Syllabus

Read the course syllabus and answer the following questions. The syllabus can be found here: `http://inst.eecs.berkeley.edu/~ee16a/sp18/#policies`.

(a) What are the times and dates of both midterms?

Solution:

Midterm 1 is on February 26, 2018, from 7pm-9pm. Midterm 2 is on April 16, 2018, from 7pm-9pm.

(b) If you need exam accomodation, whom do you contact and how? When do you have to contact this person by?

Solution:

Head TA (Hannah Li) via email at `ee16a.staff@gmail.com`. You have to contact the head TAs within 2 weeks after the start of class.

(c) When are homeworks due?

Solution:

Mondays at 23:59.

(d) Can you go to a discussion section different from your registered section?

Solution:

Yes.

(e) How many homework drops do you get?

Solution:

1.

(f) What is the penalty if you turn in your self-grades up to 1 week late?

Solution:

You only receive 50% credit on that homework.

(g) When are self-grades due?

Solution:

Thursdays at 23:59 after the homework deadline.

(h) Provide a complete list of everything you must do in order to receive any credit for your homework assignments.

Solution:

A complete submission requires turning a scan of your work, a printout of the IPython component, and your IPython code. To receive credit for an assignment, you must submit your self-grades after the assignment has been submitted.

(i) How many unexcused labs can you miss without failing?

Solution:

You can have up to 3 unexcused lab absences without failing (which is equivalent to the fact that you will fail the course with 4 or more unexcused lab absences).

(j) As a student in this course, what online forum should you check regularly?

Solution:

Piazza.