Homework 0: Introduction

Due: 11:59 PM, Sep 15, 2016

Contents

1 End-to-End

Please read *End-to-End Arguments in System Design*. Don't worry if you don't understand most of it - you will be rereading it again at the end of the semester, and we expect it to make a lot more sense then. These are just good ideas to keep in mind as you go through the course.

Please answer the following questions:

1. Describe with your own words the main lesson you draw from this paper.

2. List any concepts from the paper that you don't understand, or find confusing.

3. Give two examples, not in the paper, of the End-to-End principle applied, and explain your reasoning. You can get creative, and the examples don't even have to be related to computers. Write roughly a paragraph for each.

4. Give one example, not in the paper, of where the End-to-End principle is violated, and what shortcomings this introduces. Explain your reasoning. Again, you can get creative. Write roughly a paragraph or two.

2 Getting to Know You

Please answer the following questions:

1. What is your name?

2. What is your cs department login?

3. What is your degree program/concentration(s)/year?

4. What do you expect out of this course?

5. What is your programming experience?

6. What language(s) would you prefer to do projects in? We may write support code for languages that many people want to use, so think carefully about this.

7. Would you prefer to have the final exam towards the end of reading period, rather than on the assigned time slot of Dec 19th?

Please do the following administrative tasks:

- Sign up for *Piazza*

- Sign up for *Gradescope* with course entry code MKRZ39

- Sign and hand in the *Collaboration Policy*

- Create a *GitHub* account, and tell us (on the answers to this homework) what your login is

- Fill your available time for TA Office Hours at *when2meet*

3   Handin

Once finished, you should hand in a PDF with your answers on Gradescope. Gradescope will allow you to select which pages contain your answers for each part of each question.

Please let us know if you find any mistakes, inconsistencies, or confusing language in this or any other CS168 document by filling out the anonymous feedback form:

`https://piazza.com/class/isqj37mfnyz26r?cid=6`.