

CS3311 Valentine's Day Bonus Homework (Homework 14)

Due date: Friday, February 17, 2017, in class **and** on Canvas

Late submissions are allowed. Let me know if you will submit late.

Task: Prepare an item related to Valentine's Day. The relationship to Valentine's Day gives us a nice context but the connection can be as loose or tight as you'd like. However, it **must be** related to computer science. The item might be based on one of the following, others ideas are welcome:

- a person who has accomplishments in computer science (not necessarily theory),
- a well-known problem in computer science,
- a "solution" (e.g., an algorithm) in computer science.

Some students make accessories such as a medallion, mask, or hat. Some prepare a visual biography of a person. In theory of computation, a few people that come to my mind are Backus, Blum, Cantor, Chomsky, Godel, Greibach, Karp, Kleene, Knuth, Markov, Myhill, Papadimitriou, Rice, Sudkamp (your textbook's author), or Turing. People not listed are welcome. Some prepare puzzles (existing or new), or visualization of computer science concepts such as a stack, or linked list.

There are two simple but important rules:

1. The person has to be outside of Michigan Tech.
2. The following are not allowed: anything that belittles a person or group; exhibition of sex, profanity, vulgarity, drugs, or violence. The item should be "G-rated."

Submission: Please turn in the following **in class**:

- The item with the person's or object's name behind it. If there is no space to put a name, put it on the card only.
- A short description that fits on a 3×5 area (an index card). The description tag should include the following at the front:
 - The name of the person or object.
 - A description of the person's contribution or the object's relevance to computer science.
 - A description of why you chose that person or object.
- Your name should be written at the back of the index card. I need your name to assign your grade. The items will be displayed with their accompanying tags at one of the department displays. Your name will be on the displayed item unless you prefer to remain anonymous.

Please submit the following **on Canvas**:

- Picture(s) of your item, and the picture of your card
- The text on the index card, typed

Note that, I would like to display these in Rekhi Hall at some point. I will acknowledge you and put your name unless you explicitly tell me not to.
