CS171 Visualization
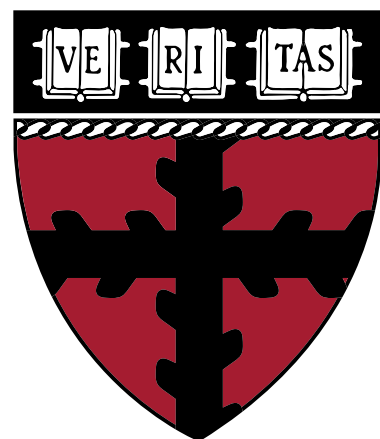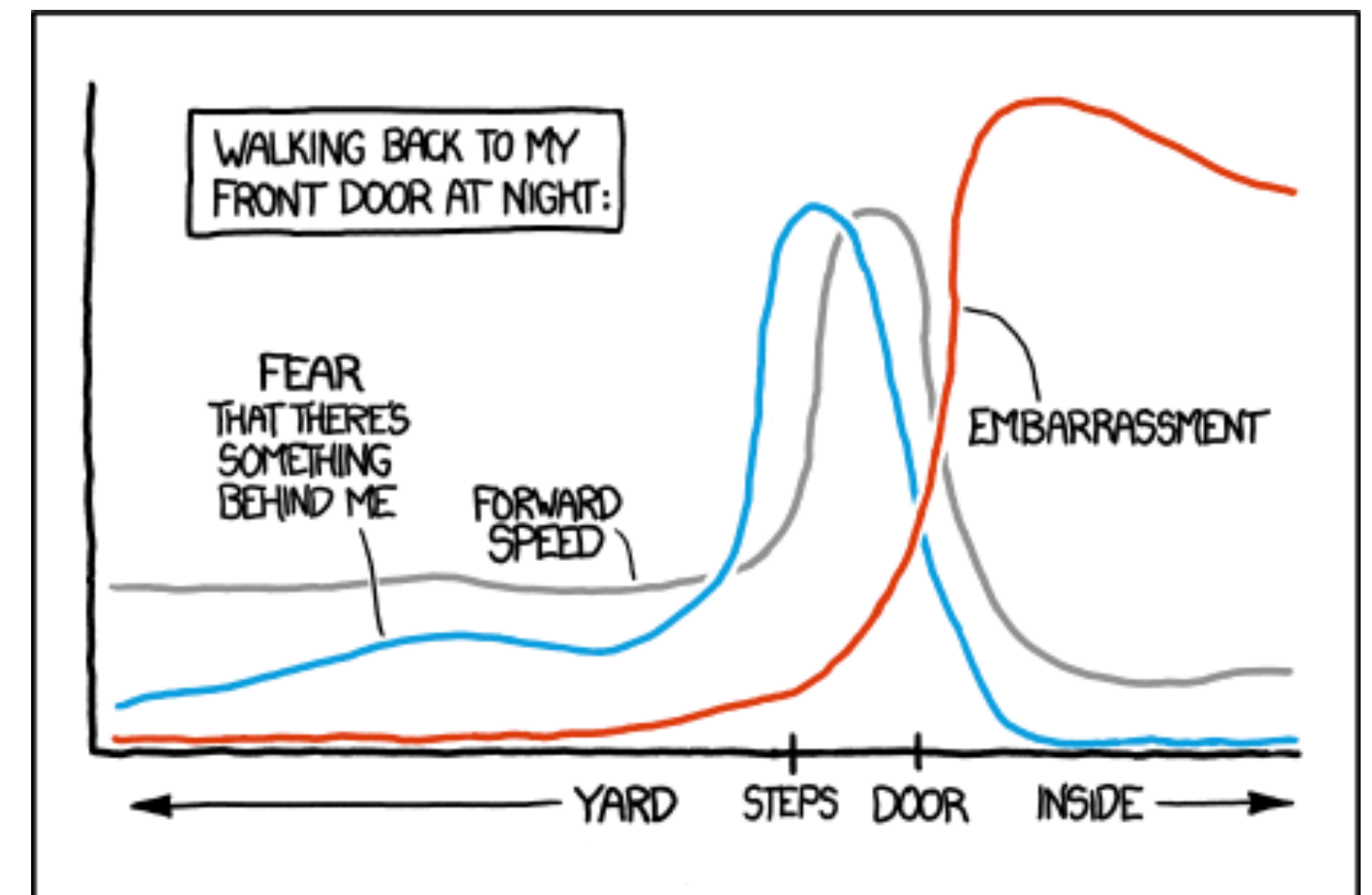
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Project Introduction
Design Studio

HARVARD
School of Engineering
and Applied Sciences

[xkcd]

This Week

Reading: VAD, Chapter 8

Lecture 14: Volumes and Flow

Sections: Designing a multiple coordinated view system. Event handling.

HW 4 released

HW 3 & 4 due next Friday (April 3rd)

Project Introduction

Timeline

By April 3rd

   Project proposal

   Announce project team (google form - see HW4)

   Announce project github repository (also google form)

Week of April 6

   Personalized feedback from your TF

April 17 - Milestone 1 due - HARD DEADLINE

Timeline

April 20 - April 26

Reviews of Milestone 1 with your TF

~20 minute slots during class-time

All members must be present

Hangouts for online teams

Your TF will approach you!

Timeline

May 5: Final Project due - HARD DEADLINE

May 6: SEAS Design Fair

Pick one of two slots to present your work to community

May 7: Final Project Presentations

We show videos and give prices to the best project teams

On Teams

2-3 person teams

Exceptions only in extraordinary circumstances

Sign up yourself

If you don't find one by Friday, we'll assign you a team member -> will publish a google form.

Project Proposal

Background and Motivation

Why do you want to do this? Who is the target audience?

Project Objectives

What do you want to achieve? Which Questions do you want to answer? **Task Analysis!**

Data & Processing

How do you want to get the data? Do you have to process it?

Project Proposal

Visualization Design

Sketches, descriptions, etc - how will your Vis look like?

Features

Prioritize your features. Which are critical for success? Which are nice to have?

Schedule

Set yourself milestones!

Process Book

Your proposal is the first part of your process book!

What goes in:

Progress and Milestones

Related Work and References - which papers did you read? Which books/code did you use?

How did your design evolve

Documentation on your implementation

More on website, including examples

Project Milestone

Very Important! -15% of your overall grade

Must haves:

Process Book

Working visualization prototype!

Completed data acquisition

Not required:

All views of visualization

All features

All interaction…

Final Submission

Your web-based and fully functional original visualization

A website containing the vis and explaining it

Publicly accessible (gh-pages - instructions will follow)

A 2-minute screencast demonstrating and explaining your visualization, embedded in your website

Your process book, accessible through your website

Best Projects

Top 3 Projects:

   +20% of project points

   +3D printed trophy!

Runner Ups (5-10 projects):

   +10%

Entry into Hall of Fame

Presented at final event

CS 171 - Visualization

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Home   Syllabus   Schedule   Homework   Project   Resources   Fame

Hall of Fame

Best Projects 2014

These are the best projects (out of 79 in total) in 2014. Within the sections the order is alphabetical.

Winner

Century of Corn

Benjamin Cook, Charles Hornbaker, Conor Myhrvold, Ryan King.

The prize for our winners: a 3D pie chart! We took a bite though!

Runner Ups Places 2-3

Data Driven Dota

Robbie Gibson, Benjy Levin, Huihui Fan

Fukushima Memoriam (Japan's Triple Disaster)

Molly Lloyd, Anthony Thul, Eric Coletti

Runner Ups

Box Office Success and Social Media

Christopher Leuer

Design Studio

Comparing Issue Distribution

http://goo.gl/iaQpA6

25% of the homework

0.5 bonus points possible