How To Give An Awesome Presentation

Cynthia Taylor, CSE 118, 11/18/2011
• Good/Bad Slides
• How To Do It Right
• Presentation Format
This is a Terrible Slide

• There is no picture on this slide, and everything is a full sentence.

• There is SO MUCH TEXT in this bullet point. You are just going to read the text instead of listening to me talk.

• There are sub bullets. Lots and lots of sub bullets.
  • And more sub bullets. Some of the sub bullets may have a whole freaking paragraph under them.
  • And sub sub sub bullets.

• Also Some Words are Capitalized and some words are not and It Is totally Random.
Good Slide
Bad Slide

- slide has poor color choices
- It also has ridiculous fonts
- And animation
- And pictures for no reason
- And you can see the picture background
Good Slides

• Succinct
• Keywords
• Simple
• Good/Bad Slides
• How To Do It Right
• Presentation Format
Running Example

• Simple
• Illustrates System
• Compelling
Graphs

![Graph showing average message offset in milliseconds against added jitter in milliseconds. The graph compares Default and Buffered conditions.]
Practice

• Several times
• With friends
• As a group
Interact

• Face Audience
• Eye Contact
• Gesture
• Modulate Voice
Live Demos

- Dangerous
- Impressive
- Canned Back up
• Good/Bad Slides
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Project Title

Your Names
Problem

• Problem
  – Description
    • People problem or opportunity
    • Technical problem
  – Why is it important?
Solution

• Introduce hypothesis/claim

• Description of solution/application
  – What does it do?
  – How does it solve the problem?
  – Who does this benefit? Or who would care?
Scenario of Using your Solution/Application

• Give example/story of the solution/application in use

• Use figures, pictures to illustrate
Overview

• How rest of talk will proceed
Related work

• Describe related approaches
  – Academic research
  – Commercial products (if applicable)

• Describe how your approach differs
  (i.e. why problem remains unsolved)
Research Question(s)

• Your research question(s)
Design / Implementation

• What did you design / build?
  – How did you address people / tech problems?

• How?
  – Design and implementation details

• Why?
  – How did this enable you to answer RQs?
Demo

• Live demo, pictures, video
• Organize around key user scenarios
  – Tell a story
  – Focus
Methodology
(How did you evaluate your solution?)

• What studies did you run?
  – Details of experimental setup, procedure (methods, metrics, etc.)

• Why?
  – What did you hope to learn? (tie back to RQs)
Results

• Describe outcomes of your experiment(s)
• Highlight key findings (and what they mean)
  – Describe how you arrived at findings (analysis methods)
  – Use graphs, quotes, etc. to convey results
Analysis / Discussion

• Reflect on claim
  – Answer your research question(s)
  – Did new questions emerge?

• Discussion
  – High level results and significance/implications
  – Design recommendations
  – Are results generalizable to broader context?
  – Future directions?
Lessons learned

• Challenges / surprises and how you dealt with them
• Explain differences from what was proposed
• What worked?
• What didn’t work?
  – How would you do things differently next time?
Conclusion

• Summarize talk
  – Problem
  – Solution
  – Experimental methodology
  – Results

• Highlight key take-aways