Barbie has a Pink Laptop: Redefining How the World Views a Computer Scientist

Alyssa Rosenzweig, University of Toronto
Victoria Schwanda, Cornell University
Jennifer Rosenzweig, Dragonfly ORG
Welcome!

- Introductions
- Session Purpose
Gestalt Theory

Figure vs. Ground

- Seeing the image is a function of the “ground”
- Ground is “invisible” to us, yet it plays an influential role
- Our “ground” often consists of:
  - Values
  - Beliefs
  - Assumptions
Fletcher’s “Disappearing Acts”

- Study of female design engineers
- Examined the organization’s attempt to become more collaborative in their work
- Fletcher observed that relational behaviors were often “disappeared” even when they furthered the organization’s goals
Implications for Being a “Computer Scientist”

• Today’s session will...
  – Explore a range of definitions for what it means to be a computer scientist
  – Examine the “ground” that influences these definitions
  – Use this knowledge to identify ways to shift conversations and make new views of “computer science” visible to others
Discussion Question #1

Work in Pairs!

Think of a time when you introduced yourself as a computer scientist...and you weren’t connecting!

• How would you describe your definition of the role?
• How would you describe theirs?
• How did this “disconnect” influence the nature of the dialogue (or didn’t it?)
• How did it make you feel?
Discussion Question #2

Make groups of four!

For each of these two views, consider the following questions...

• If we define each definition of a computer scientist as our “figure,” what’s the “ground” for each of them...

  ...what values, beliefs and assumptions influence each of them?
Discussion Question #3

*What can we do to shift the “value equation”...?*

- What actions might we take and what conversations could we have that would promote these new values and beliefs, and in turn make the Emerging View more visible to others?
- What might change in our environment as a result of these efforts?
Questions?
Alyssa Rosenzweig – alyssacr@cs.toronto.edu

Victoria Schwanda – vschwanda@cs.cornell.edu

Jennifer Rosenzweig – jrosenzweig@dragonflyORG.com