

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

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Welcome!

- Introductions
- Session Purpose



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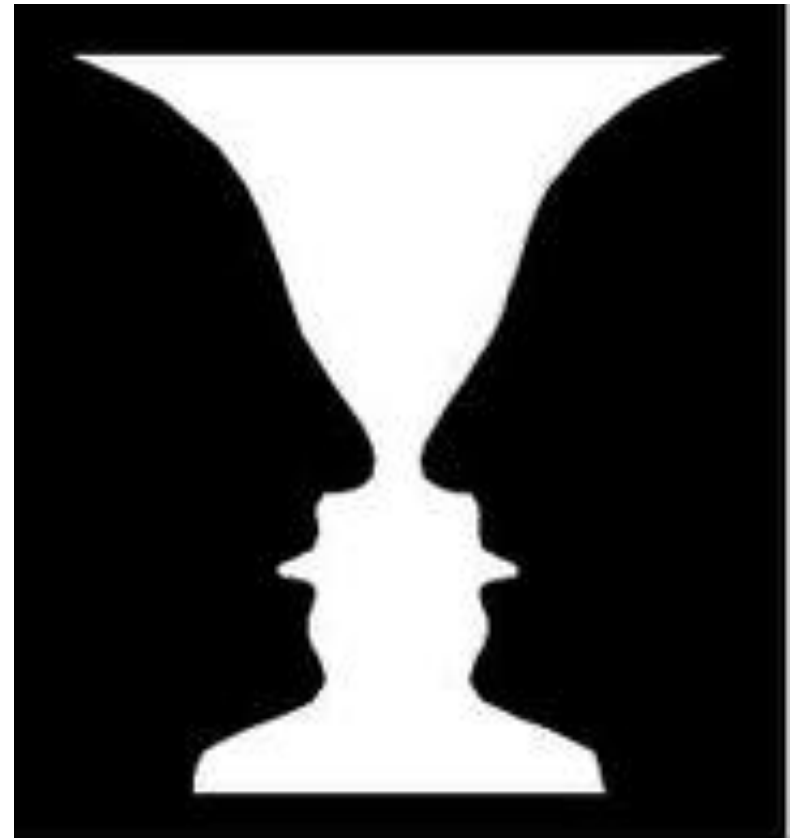


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Gestalt Theory

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



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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

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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?

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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?

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Questions?



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