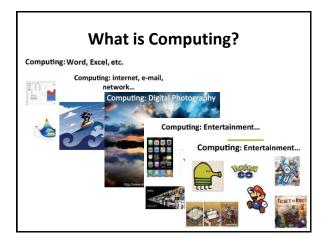
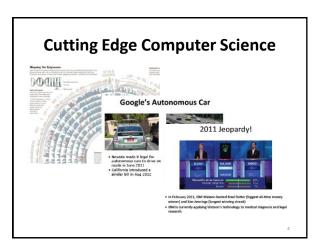
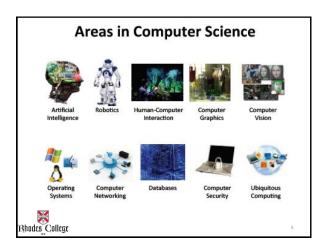
# COMP 141 CS1: Programming Fundamentals Rhodes College

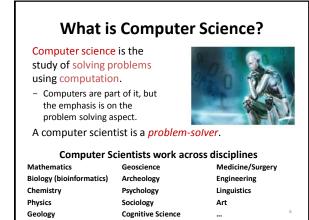
What is Computer Science?

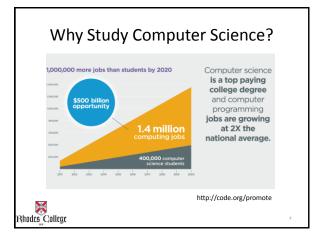
What do you hope to learn in this class?

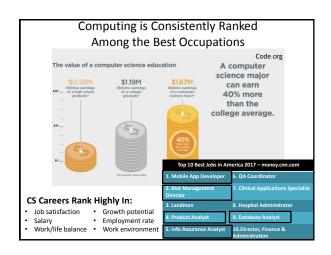












# Why Study CS at Rhodes?

"Everyone should learn how to program a computer, because it teaches you how to think. I view computer science as a liberal art, something everyone should learn to do." -Steve Jobs

- Liberal arts background is great!
- Employers want to see:
  - Communication skills (written & verbal)
  - Strong work ethic
  - Teamwork skills (works well with others)
  - Initiative
  - Interpersonal skills (relates well to others)
  - Problem-solving skills



# Things to Remember

- 1. Computers are dumb!
- 2. Computers only do what you tell them to do.
- 3. Computer do what you tell them to do really fast, so they appear smart (but they are not).
- 4. Computer don't remember anything unless you tell them how to remember.
- 5. Computers take your instructions literally. If you tell them to do something dumb, they do it.
- 6. A computer only does what it is told and in exactly the order you tell it.



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# **Syllabus**

 http://cs.rhodes.edu/welshc/COMP141\_S18/s vllabus.pdf





#### Fun Activity

- Go to Start -> All Programs -> Python 3.5.
- Open IDLE (Python 3.5 32-bit)
- Type the following (use the exact capitalization as shown):

>>> import turtle

>>> turtle

>>> sven = turtle.Turtle()

>>> sven.forward(100)

>>> sven.right(90)

>>> sven.forward(50)

Try other commands

- forward, backward, right, left

- sven.color('blue')

sven.pensize(3)

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### Homework 0

- Tell me about yourself.
  - Fill out the "Getting to Know You" worksheet
- Make sure you have this class in your course list on Moodle.
- Due Friday, 1/12 at beginning of class



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