Introduction to Computing?

Professor Doug Blank cs.brynmawr.edu/~dblank dblank@cs.brynmawr.edu

Course Overview

- Syllabus: cs.brynmawr.edu/cs110-2
- Book
- Robot
- Other topics: graphics, visualization, data analysis, information, music
- Programming: Calico Python
- Computer Science

What is computer science?

At Bryn Mawr College, Computer Science is a program designed generally to **explore problem solving using computers**. Of course computers play a major part, but computer science is really about the problem solving part.

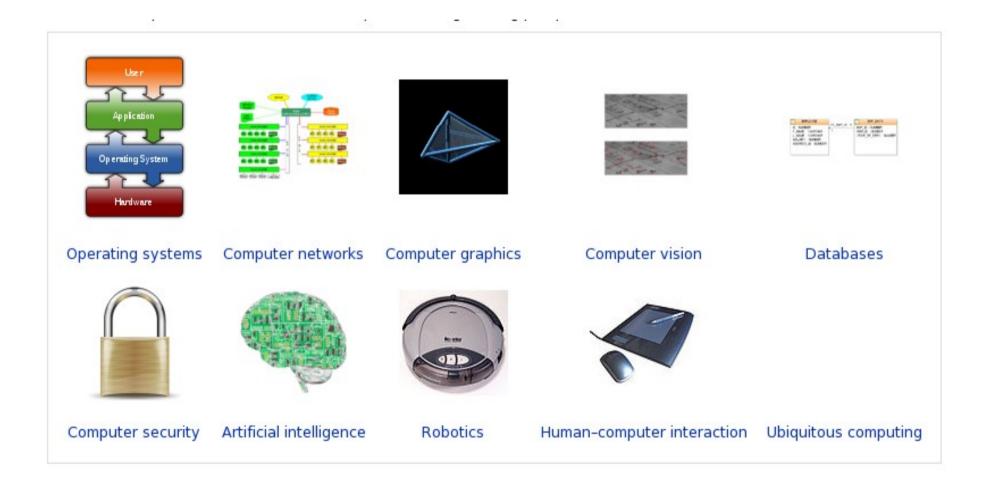
Computer science can involve many disciplines, including graphical design issues, mathematics, multimedia, electronics, cognitive science, bioinformatics, geoinformatics, artificial intelligence, human-computer interaction, technology/social issues, complexity, and a host of other topics.

What is Computer Science?

"Computer science is no more about computers than astronomy is about telescopes"

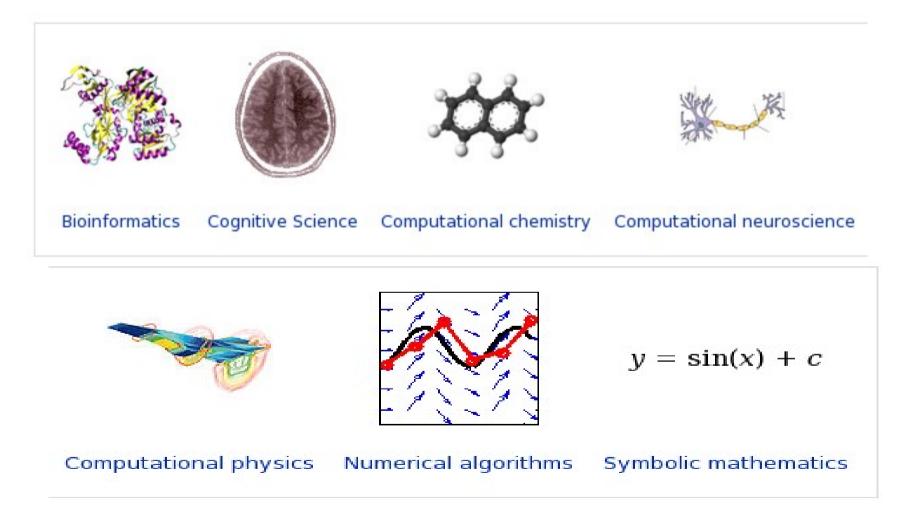
- Edsger Dijkstra

Areas in Computer Science

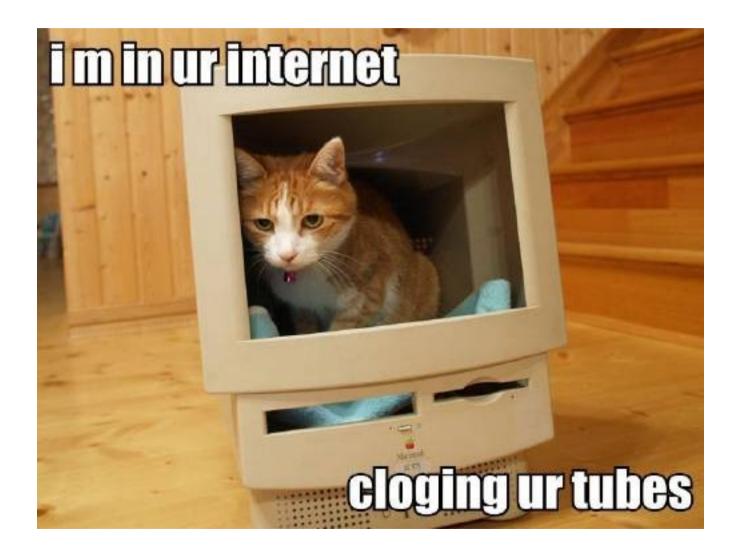


From wikipedia.org/Computer_Science

Scientific Problem Areas



From wikipedia.org/Computer_Science



http://icanhascheezburger.com

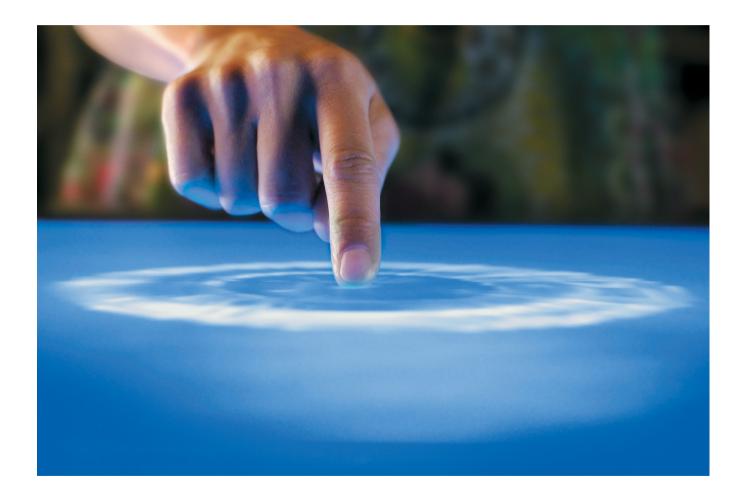


The Lion King - Stampede Watch this video on youtube.com

http://www.youtube.com/watch?v=2m-42ek85G4



Apple's Ipod



Microsoft Surface