Wrap-Up

AAAI 2008 Spring Symposium on

*Using AI to Motivate Greater Participation in Computer Science*

Stanford University
March 26 – 28, 2008
An Initial Observation
CS Declaration Data From Stanford

CS major declarations
A Slightly More Well Known Graph

Source: Yahoo! finance
The Obvious Correlation

- Normalize both graphs by 1998 values
  - Adjust for a one year lag time in declarations

Correlation = 0.61
What Happened in 2003?

By 2003, … sensational news stories appeared about a supposedly horrific loss of these [computer programming] jobs [due to offshoring].

-- The Washington Times, June 6, 2004

Correlation up to 2003 = 0.88
One Possible Solution

*Actual bumper sticker seen in Palo Alto circa 2003*

*Just give us one more bubble...*
The Truth On Offshoring

• More IT jobs today in US than during boom
  – Despite significant increase in offshoring over past 5 years
  

• Confusion at the Bureau of Labor Statistics
  – Projected Job Growth from 2004 to 2014
    • “Computer programmer”: below average
    • “Computer scientists” & “software engineers”: above average

• Need to create awareness of “CS in the large”
  – CS is increasingly fundamental to work many fields
  – AI is an important part of that!
The Need is Real

Great Presentations

- Diversity of ideas
- Great projects
- Real world…
  - …deployments
  - …courses
  - …impact
- Useful data gathered
  - Would be great to have even more
- Generated lots of enthusiasm
- Send me your slides
  - PDF or PPT
  - We’ll post them on the Symposium web site
- Demos, demos, demos!
  - Across the hall
  - Starting right after this
Let’s continue to fill the French Drain!

Thank You!