IT’s for you too:
The female dynamic in information technology education and careers

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Consider…

• How are technology and market trends changing?

• What does this mean in terms of jobs, careers and new skills needed to excel?

• What implications, if any, are there to women – and men?

• What can you do to capitalize on these changes?
Some Facts…

By the Numbers

Percent of professional occupations in the 2009 U.S. workforce held by women: 58%

Percent of professional computing occupations in the 2009 U.S. workforce held by women: 25%

Percent of corporate officer positions at Fortune 500 technology companies held by women: 11%

1.4 million
Computer specialist job openings expected in the U.S. by 2018

29% of these jobs that could be filled by U.S. computing graduates by 2018

56% of AP Calculus test-takers in 2010 who were female

46% of AP Computer Science test-takers in 2010 who were female

19% of Advanced Placement (AP) test-takers in 2010 who were female

56% of 2010 Intel Science and Engineering Fair (ISEF) finalists in Biochemistry who were female

26% of 2010 ISEF finalists in Mathematics who were female

17% of 2010 ISEF finalists in Computer Science who were female

57% of 2009 undergraduate degree recipients who were women

18% of 2009 Computer and Information Sciences undergraduate degree recipients who were women

11% of 2009 Computer Science undergraduate degree recipients at major research universities who were women

37% of 1985 Computer Science undergraduate degree recipients who were women

79% percent decline in the number of first-year undergraduate women interested in majoring in Computer Science between 2000 and 2009

25% percent of women in computing occupations in 2009

2 percent of women in computing occupations in 2009 who were African-American

4 percent of women in computing occupations in 2009 who were Asian

1 percent of women in computing occupations in 2009 who were Hispanic

Change is happening in six big ways

- Smart Data
- People Platforms
- Content Integrity
- Nimble Media
- 6th Sense
- Collaboration

Source Georgia Tech FutureMedia Outlook 2012
Plenty of role models...

Corporate World
• Sheryl Sandberg, COO Facebook
• Meg Whitman, CEO HP (formerly eBay)
• Marissa Mayer, VP Google
• Padmasree Warrior, CTO Cisco

In Atlanta
• Startup Chicks
• Digital Divas
• TiE Atlanta Women

At Georgia Tech... just to name a few:
• Margaret Loper, Leigh McCook, Janet Murray
• Beth Mynatt, Celia Pierce, Nina Sawczuk, Lora Weiss
What can you do?

Be You

Be Inspired

Be Inspiring

Be You