Cyber Security Need: A National Growth Career

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A little background first…

Maryland wants to be cybersecurity epicenter
By Ben Bain; Jan 12, 2010
http://fcw.com/articles/2010/01/12/web-cybersecurity-center-maryland.aspx

Gov. O'Malley's report, titled *CyberMaryland*

- Maryland is positioned to be the hub for federal, academic and private-sector cybersecurity efforts
- Maryland is already home to the National Institute of Standards and Technology, the National Security Agency, the Intelligence Advanced Research Projects Activity — the soon-to-be home of the Defense Information Systems

✓ Maryland's IT employment rate rose by 3.3 percent between 2001 and 2008, while nationwide it fell by 17.1 percent during that same time period

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Tech Council of Maryland:

TECHCOUNCILoFMD
MdBio | MdTech
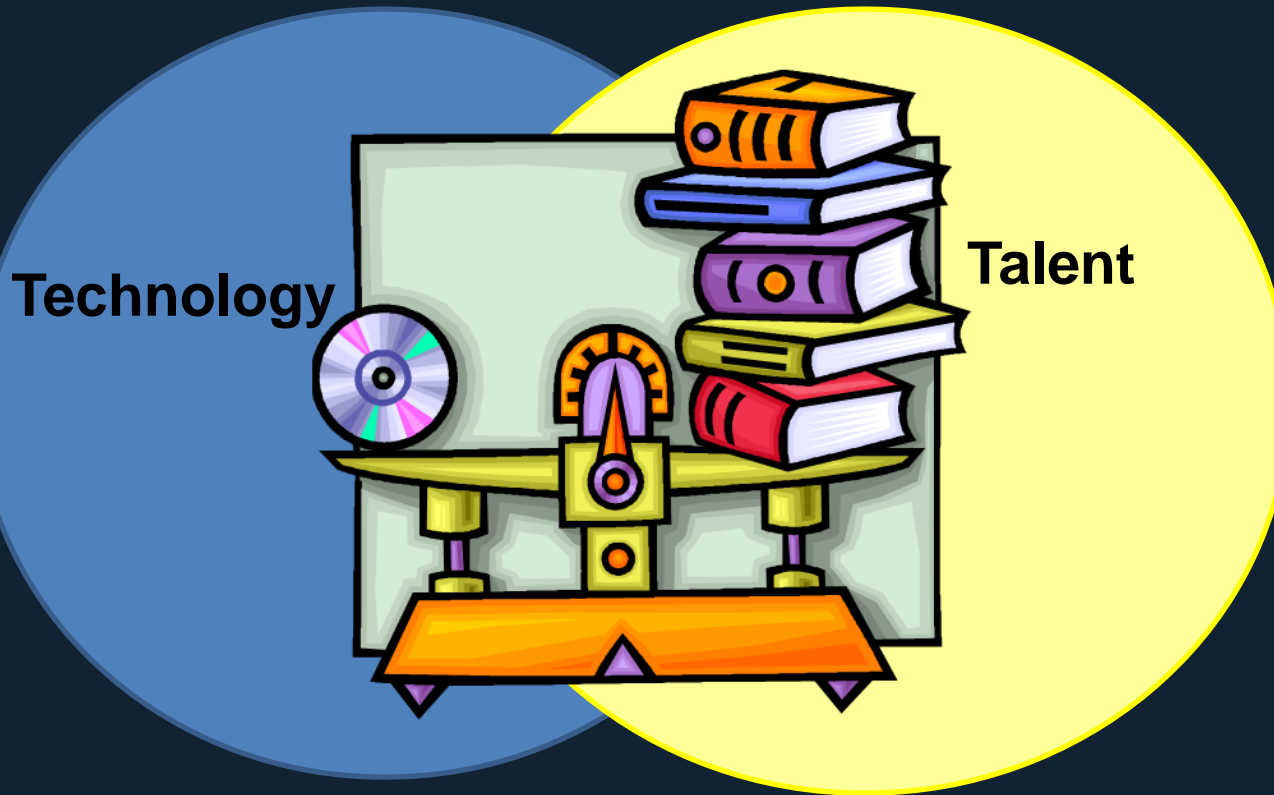

http://www.techcouncilmd.com

- ✓ TCM is the largest technology trade association representing over 500 tech and biotech companies, along with government, academia and service providers, who employ more than 250,000 people in Maryland and the region.
- ✓ TCM consists of two divisions MdTech and MdBio

Very interesting…. but how does this apply to me?

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There's gotta be a balance…

Technology

Talent

Coolness! How do we do that?

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STEM to the rescue…

- ✓ Cyber Watch
    1. Increase IA Workforce Pipeline
    2. Community Awareness of IA Workforce
    3. Community Aware of C3
        - Cyberethics, Safety, Security
    4. Increase Security of K12 IT Systems
- ✓ MDWIT – Computer Mania Day
- ✓ LM Cyber Awareness Day, Oct. 13th

NATIONAL CYBERSECURITY AWARENESS MONTH

OUR SHARED RESPONSIBILITY

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LOCKHEED MARTIN

Cyber Participation

So… How do I participate?

- ❑ Reach-n-Teach
    - ❑ Personal engagement
    - ❑ Generate awareness
    - ❑ Provide education
- ❑ Understand Competency Models for needed cyber security skills
- ❑ Maximize learning opportunities
    - ❑ Learn like a kid…
        - ❑ Scouting (JOTI*)
        - ❑ Games, website surfing
    - ❑ Interns & Apprentices
    - ❑ College degrees; 2 yr., 4 yr., beyond
    - ❑ On the Job Training / Experience

What's Next?

… and a final thought…

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Cyber Security Prime Directive:

Let Good Things Happen..Safely

Be Cyber Safe!