Using the Cybersecurity Career Lifecycle to Get In and Stay in the Profession

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Points of discussion

- Cybersecurity skills gap – is there really a problem?
- What is the problem
- Addressing the problem
- The Cybersecurity Career Lifecycle™
- Take control of your destiny
Is there really a problem?

- Not a “new problem”, just keeps getting bigger.
- Reports of millions of vacant cybersecurity positions
- Effects are real
  - Lack of cybersecurity talent may be an organization’s biggest vulnerability
- Question is not “IS” there a problem – but “WHAT” is the problem
What is the problem?

- Majority of open positions are *not* entry level
- Industry has taken a knee jerk reaction
  - Tremendous push to fill the gap through traditional education
  - Training and education programs are popping up everywhere to bring *new* people into the profession
  - No collaboration between entities
  - Addressing the “headline” and not the problem
We continue to be REACTIVE

Industry’s reactive measure do not allow for a holistic approach

- Globally accepted professional career map
- Build what we need - to be proactive
  - Use traditional degree and certification programs as they were intended – as a baseline
  - Develop well grounded skillsets
  - Identify and use knowledge opportunities that keep pace with technology

The voice of the professional isn’t loud enough
Stop being a “reactive” profession

Intensify the voice of the profession

- Use professional associations with members from around the globe with no revenue ties to training or certificates
- Focus on information or cyber security
- Diversity of members from all levels of profession
- Look for a neutral organization

Build on knowledge...
One way to address the “problem”

- Use the Cybersecurity Career Lifecycle™ to build your knowledge & skills
  - Built by professionals – for professionals
  - Obtain and build on knowledge gained through traditional education and certification programs

- Understand real world challenges in order to drive our profession forward
  - Look deeper than the “headline” to address the challenges there
What is the Cybersecurity Career Lifecycle™?

The “CSCL” is a systematic approach that:

- Enables you to discover the areas of weakness in skillsets and aptitudes
- Defines a personalized career map according to your knowledge, skills, aptitudes, and interest
- Provides guidance, resources, and a support system to achieve skills and career goals
Using the “Cumulative Knowledge” solution

Cumulative Knowledge
- “Increasing by successive addition”
- Progressive through the CyberSecurity Career Lifecycle
- Building on the knowledge of those that came before you

“Just in Time” Learning
- Responsive to new technologies and/or threats
- New, innovative and scalable training with quick delivery mechanisms
- Trusted sources from quality providers
- Security Users Groups and/or Meet-ups - You Tube Security Channels

Traditional programs to baseline knowledge;
- Universities and colleges
- Industry Certifications
Cybersecurity Career Lifecycle™ Components

- Knowledge, Skills, Aptitudes
- Career Mapping
- Self-Assessment
- Personal Guidance

ISSA (Information Systems Security Association)

RSA Conference 2016
Cybersecurity Career Lifecycle™ - Take control of your destiny

- Understand where you currently are in your career
  - Self assessment using KSAs

- Find resources to strengthen & grow
  - Knowledge sharing
  - Personalized Guidance
  - Formalized Training
  - Career Map to stay on course

- Cumulative Knowledge – keep building
“Today knowledge has power. It controls access to opportunity and advancement.”

Peter F. Drucker

Thank you!

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