

RALEIGH ISSA CAREER SERVICES & CYBERSECURITY CAREER EVOLUTION 2001 TO PRESENT DAY

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***** Presented January 9, 2025 *****

RALEIGH ISSA CHAPTER & CAREER SERVICES HISTORY

- ▶ 20 Year Navy Career – USNA Graduation in 1976:
 - ▶ P-3 Orion Naval Flight Officer – P-3B, CUII, C, CUIII
 - ▶ 2 P-3 Squadron Tours – Atlantic, Med, & SOAM
 - ▶ 2 P-3 Operation Centers (ASWOC Sig & TSC Jax)
 - ▶ 2 Training Tours – NROTCU Texas A&M, NAMTGD Jax
- ▶ 28+ Year Business Career
 - ▶ Education – DU Fletcher HS NJROTC, FL
 - ▶ IT, Security – Manufacturing, SW Testing, NCBar, NCBoN, Channel Partners
- ▶ Raleigh ISSA – Feb 2003-Present
 - ▶ Communications Officer – 2004-2010 (included Career Service Support)
 - ▶ Career Services Director – 2010 – Present – **GREAT TEAM of CS volunteers!**

CAREER SERVICES MEMBER SUPPORT – EVOLUTION ...

Key Developments:

▶ Early 2000s (2000-2010)

1. **Foundational Support:** Founded in Feb 2002. In the early 2000s, the Raleigh ISSA Chapter focused on foundational support for its members (e.g., basic networking & sharing industry knowledge).
2. **Monthly Meetings:** Regular monthly meetings provided a platform for members to discuss cybersecurity trends, share experiences, and learn from guest speakers.
3. **Initial Career Resources:** Career resources were limited but included job postings, separate CS meetings, and occasional workshops on resume building and interview techniques.

▶ 2010s

1. **Expanded Career Services:** The chapter began to expand its career services, recognizing the growing need for specialized cybersecurity professionals.
2. **Workshops and Training:** More structured workshops and training sessions were introduced, covering topics such as advanced interview techniques, job search strategies, and professional networking.
3. **Certifications and Education:** The chapter started to emphasize the importance of certifications and continuous education, offering resources and guidance on obtaining certifications like CISSP, CEH, and CISM.
4. **Career Fairs and Networking Events:** The chapter organized career fairs, networking events, and the **Triangle InfoSeCon starting in 2004** (if you build it they will come) providing members with direct access to potential employers and industry leaders.

... CAREER SERVICES MEMBER SUPPORT - EVOLUTION

► Present Day (2020s)

1. **Comprehensive Career Services:** The Raleigh ISSA Chapter now offers a comprehensive suite of career services designed to support members at all stages of their careers.
2. **Dedicated Career Services Page:** The chapter's website features a dedicated career services page with resources for job seekers, including local job listings, resume best practices, and interview preparation tips^[1].
3. **Career Roadmaps:** The chapter provides career roadmap tools from organizations like SANS, ISACA, and CyberSeek to help members plan their career paths and identify necessary certifications and skills^[1].
4. **Advanced Workshops and Presentations:** Regular workshops and presentations cover advanced topics such as using AI for job searching, financial considerations for job changers, and branding for career growth^[1].
5. **Professional Networking:** The chapter continues to facilitate professional networking through monthly meetings, conferences, and events like **Triangle InfoSeCon**, which is the premier annual information security conference in the region^[2].
6. **Mentorship and Peer Support:** The chapter has strengthened its mentorship and peer support programs, helping members connect with experienced professionals for guidance and career advice.

References:

- [1] [Career Services - Raleigh ISSA](#)
- [2] [Raleigh Chapter - Information Systems Security Association \(ISSA\)](#)

STARTING A CAREER IN CYBERSECURITY ...

▶ Early 2000s (2001-2010)

1. **Emerging Field:** Cybersecurity was still an emerging field, primarily focused on protecting against viruses, worms, and basic hacking attempts.
2. **Limited Education and Training:** Few universities offered specialized degrees in cybersecurity. Most professionals entered the field with general IT or computer science backgrounds.
3. **On-the-Job Learning:** Many cybersecurity skills were learned on the job, with professionals gaining experience through hands-on work and self-study.
4. **Basic Certifications:** Certifications like CompTIA Security+ and **CISSP (Certified Information Systems Security Professional)** were popular but not as widespread as today.

▶ 2010s

1. **Increased Threat Landscape:** The threat landscape became more sophisticated with the rise of advanced persistent threats (APTs), ransomware, and zero-day exploits^[1].
2. **Specialized Education:** More universities began offering dedicated cybersecurity programs and degrees, reflecting the growing importance of the field.
3. **Professional Certifications:** Certifications became more specialized and essential for career advancement. Examples include Certified Ethical Hacker (CEH), Certified Information Security Manager (CISM), and Certified Information Systems Auditor (CISA).
4. **Government and Industry Focus:** Governments and industries started prioritizing cybersecurity, leading to the creation of roles like Chief Information Security Officer (CISO) and the establishment of cybersecurity frameworks and regulations^[1].

... STARTING A CAREER IN CYBERSECURITY

► Present Day (2020s)

1. **High Demand:** Cybersecurity professionals are in high demand due to the increasing frequency and sophistication of cyberattacks. The field offers numerous career opportunities across various industries.
2. **Diverse Career Paths:** There are now many specialized roles within cybersecurity, such as penetration tester, security analyst, incident responder, and cybersecurity consultant.
3. **Advanced Education and Training:** Universities offer a wide range of cybersecurity programs, including undergraduate, graduate, and certificate courses. Online platforms also provide extensive training resources.
4. **Continuous Learning:** The rapidly evolving threat landscape requires professionals to engage in continuous learning and stay updated with the latest trends, tools, and techniques.
5. **Certifications and Skills:** **Advanced certifications** like Offensive Security Certified Professional (OSCP), Certified Cloud Security Professional (CCSP), and GIAC Security Expert (GSE) are highly valued. Skills in areas like cloud security, artificial intelligence, and threat intelligence are increasingly important[2]. **CISSP??**
6. **Global Focus:** Cybersecurity has become a global priority, with international collaboration and information sharing becoming more common to combat cyber threats.

References

- [1] [Through the Years: A Broad Look at Two Decades in Cybersecurity - GovTech](#)
- [2] [How Cybersecurity Has Changed from the 90's to Present Day | Iron Bow ...](#)



SEARCHING FOR CYBERSECURITY JOBS ...

► Early 2000s (2001-2010)

1. **Limited Job Listings:** In the early 2000s, job listings for cybersecurity roles were relatively scarce. Most opportunities were found through traditional job boards, company websites, and industry-specific publications.
2. **General IT Roles:** Many cybersecurity professionals started in general IT roles and transitioned into cybersecurity as the field grew. Specialized cybersecurity positions were less common.
3. **Networking and Referrals:** Job seekers often relied on networking and referrals to find opportunities. Professional associations and industry events were key for making connections.
4. **Basic Certifications:** Certifications like CompTIA Security+ and CISSP were starting to gain recognition, but they were not as widespread or essential as they are today.

► 2010s

1. **Increased Demand:** The demand for cybersecurity professionals grew rapidly due to the rise in cyber threats and data breaches. This led to more job listings specifically for cybersecurity roles.
 2. **Specialized Job Boards:** Specialized job boards and websites dedicated to cybersecurity jobs emerged, making it easier for job seekers to find relevant opportunities.
 3. **Professional Networking Sites:** Platforms like LinkedIn became crucial for job searching, allowing professionals to connect with recruiters and industry peers.
 4. **Advanced Certifications:** Certifications became more specialized and essential for career advancement. Examples include Certified Ethical Hacker (CEH), Certified Information Security Manager (CISM), and Certified Information Systems Auditor (CISA).
 5. **Career Pathways:** Clearer career pathways and roles within cybersecurity were established, such as penetration tester, security analyst, and incident responder.
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... SEARCHING FOR CYBERSECURITY JOBS

► Present Day (2020s)

1. **High Demand and Talent Shortage:** The demand for cybersecurity professionals continues to outpace supply, leading to a significant talent shortage[1]. This has resulted in numerous job openings and competitive salaries.
2. **Diverse Job Platforms:** Job seekers can now use a variety of platforms, including general job boards (e.g., Indeed, Glassdoor), specialized cybersecurity job sites (e.g., CyberSecJobs, InfoSec Jobs), and professional networking sites (e.g., LinkedIn).
3. **Interactive Tools and Data:** Tools like CyberSeek provide detailed, actionable data about supply and demand in the cybersecurity job market, helping job seekers understand career pathways and transition opportunities[1].
4. **Remote Work Opportunities:** The rise of remote work has expanded job opportunities, allowing cybersecurity professionals to work for companies across the globe.
5. **Continuous Learning and Certifications:** Continuous learning and obtaining **advanced certifications** (e.g., Offensive Security Certified Professional (OSCP), Certified Cloud Security Professional (CCSP)) are crucial for staying competitive in the field[2]. **CISSP?**
6. **Government and Industry Collaboration:** Increased collaboration between government, industry, and educational institutions has led to more structured career development programs and initiatives to address the talent gap[2].

References

- [1] [Cyberseek](#)
- [2] [New Data on the Cybersecurity Workforce | NIST - National Institute of ...](#)

Other Questions or Comments?

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**Job Opportunity Discussion
(trends, recruiters, jobs available ...)**

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where

do we go

from

here?

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+++++++ CAREER SERVICE RESOURCES ++++++++

Chapter Website -> Jobs Board ->

<https://raleigh.issa.org/career-services/>

Chapter Discord Job Board

<https://discord.gg/SMfukcHYM5>

Chapter LinkedIn

<https://www.linkedin.com/company/issa-raleigh-chapter>

Chapter Facebook

<https://www.facebook.com/groups/raleighissa/>

Chapter Twitter

<https://twitter.com/RaleighISSA>