

# Empowering Cybersecurity Careers: Alternative Paths to Success



# **N**EW YORK **M**ETRO **J**OINT **C**YBER **S**ECURITY **C**ONFERENCE

- A Panel Discussion on Practical Steps and Strategies
- Moderated by Professor Patrick Slattery
- Panelists: Dr. Keith Clement, Brian Erickson, Vlad Brodsky, David Raviv



# Understanding the Basics

- Focus on foundational skills: networking, operating systems, programming.
- Recommended resources: Books, online courses (Coursera, edX).
- Initial actions: Read, enroll in introductory courses, self-learn.



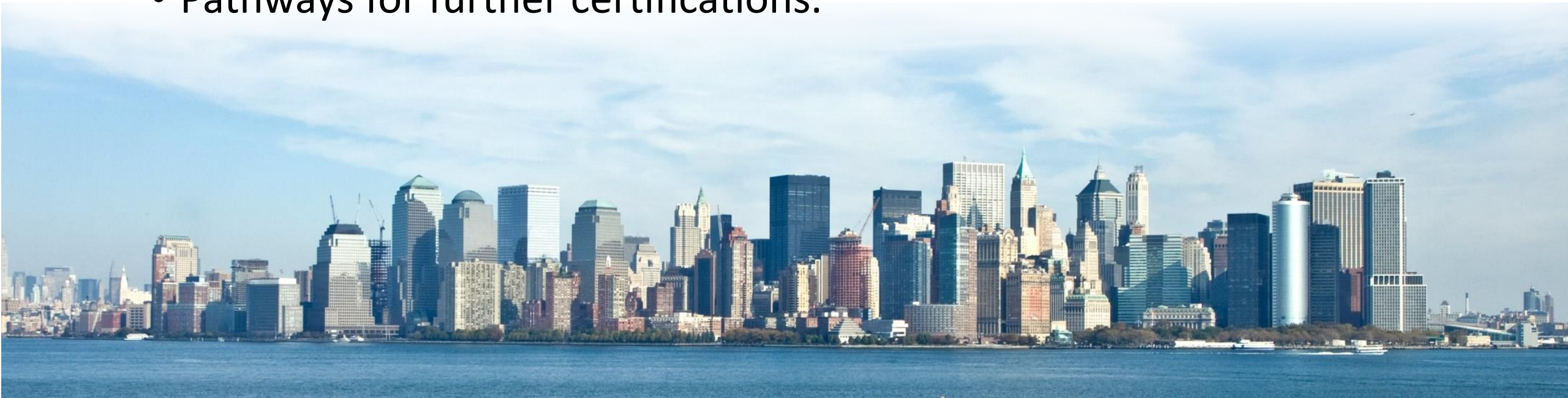
## Building Practical Skills

- Importance of hands-on learning early on.
- Accessible platforms: HackTheBox, CTF events, internships.
- Volunteering and contributing to open-source projects for experience.



# Certifications for Beginners

- CompTIA Security+ and CEH as entry-level milestones.
- Core concepts: security protocols, ethics.
- Pathways for further certifications.



# Building on Core Certifications

- Network+, PenTest+ certifications for advanced skills.
- Practical applications in real-world cybersecurity roles.
- Enhancing employability and job performance.



# Networking Without a Degree

- Build professional networks: LinkedIn, ISACA, conferences.
- Attend industry events, local meetups.
- Long-term benefits of mentorship.



# Preparing for the Job Market

- Tailor resumes to showcase practical experience and certifications.
- Highlight practical skills from hands-on challenges.
- Interview prep: Research companies and roles.





# Specialization for Career Advancement

- When to consider specializing (offensive security, management).
- Pursue advanced certifications like CISSP for long-term growth.
- Career paths: penetration testing, risk management, etc.



# Lifelong Learning and Mentorship

- Continuous learning: stay current with trends, enroll in courses.
- Engage in community events, workshops, and forums.
- Mentor others and contribute to the cybersecurity community.



## Closing: Personal Experiences

- Can each panelist share a brief anecdote or lesson learned from their own journey into cybersecurity, particularly if they took an unconventional path?



**N**EW YORK **M**ETRO **J**OINT **C**YBER **S**ECURITY **C**ONFERENCE

Thank you!

