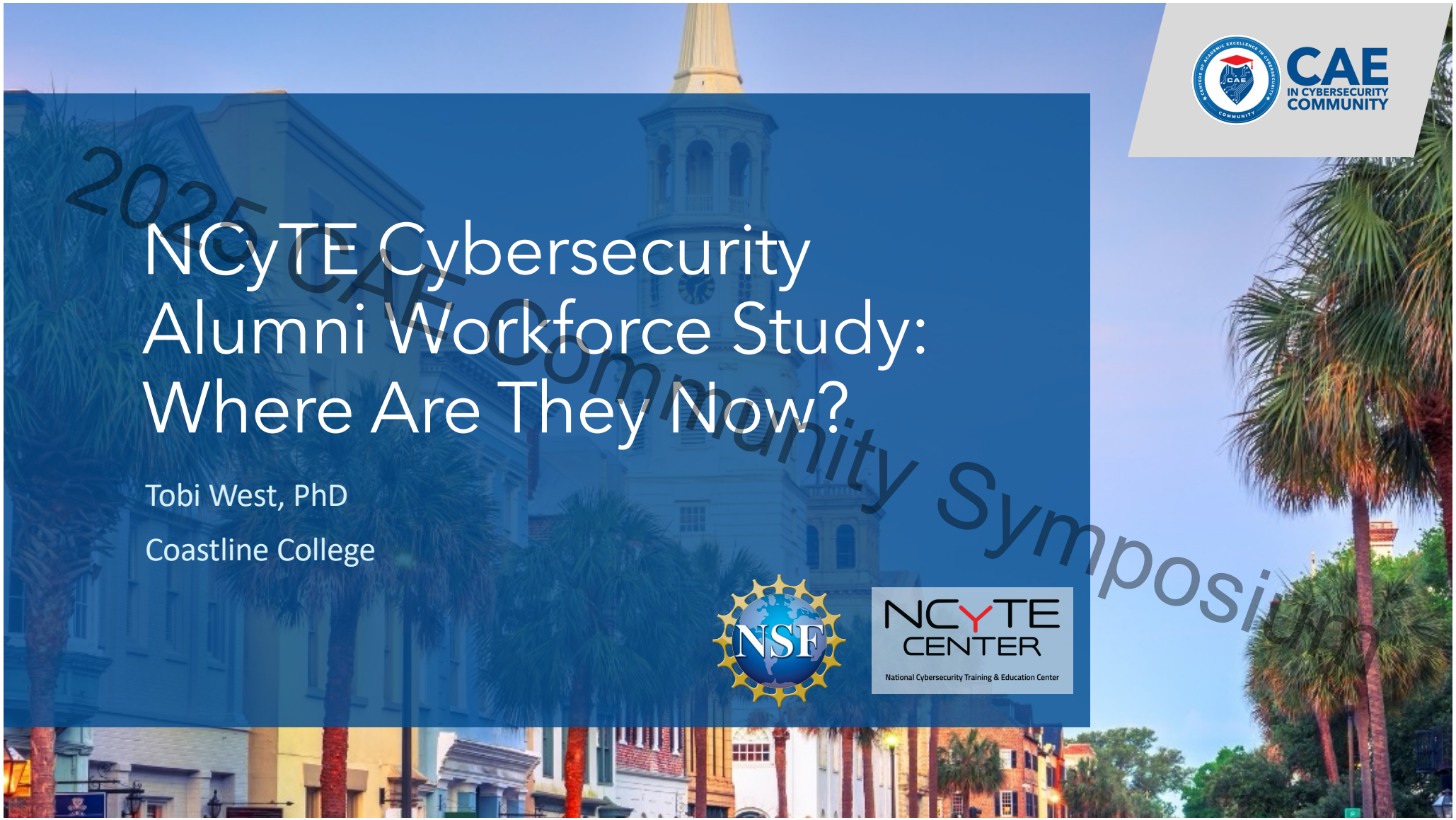

NCyTE Cybersecurity Alumni Workforce Study: Where Are They Now?

Tobi West, PhD

Coastline College

2025 CAE Community Symposium

Background

2025 CAE Community Symposium

- 2019 Workforce Study
- Community College Cybersecurity Alumni: Where Are They Now?
- John Sands and Corrinne Sande
- 12 self-selected CAE-CD 2-Year College POCs
- 88 alumni interviewed

CAE IN CYBERSECURITY COMMUNITY

CSSIA National Support Center for Systems Security and Information Assurance

NCyTE CENTER National Cybersecurity Training & Education Center

2025 Workforce Study

2025 CAE Community Symposium

- 2025 Workforce Study
- Community College Cybersecurity Alumni: Where Are They Now?
- 74 self-selected CAE-CD POCs
- 346 alumni survey responses

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Highest Level of Education

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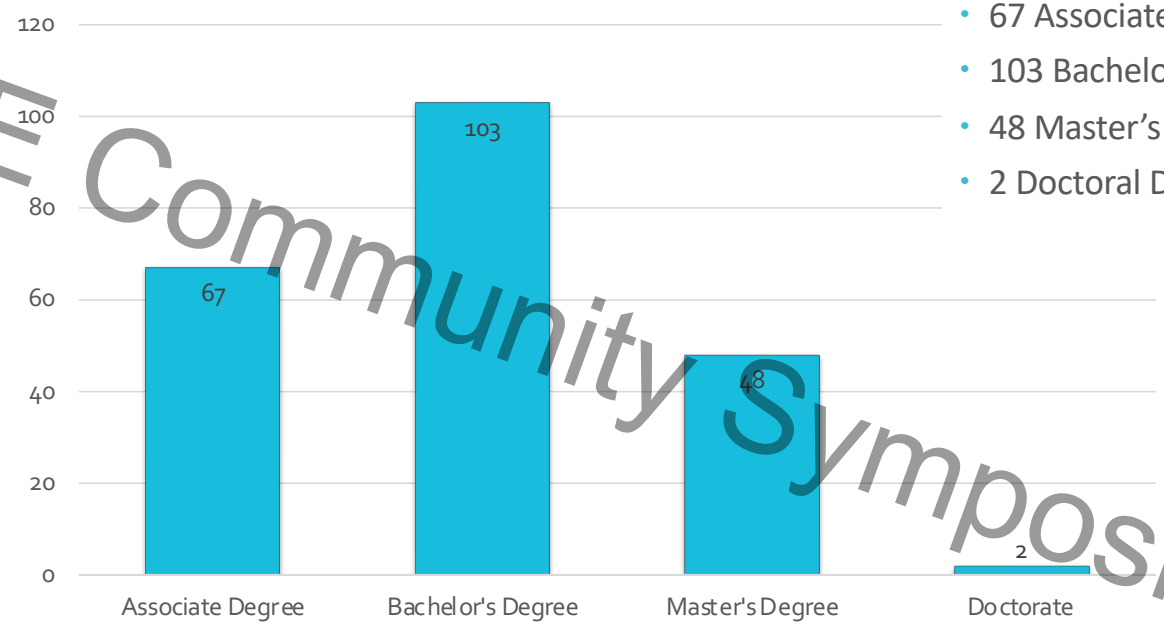

- 67 Associate Degrees
- 103 Bachelor's Degrees
- 48 Master's Degrees
- 2 Doctoral Degrees

220 alumni responses

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Cybersecurity & Technology Related Employment

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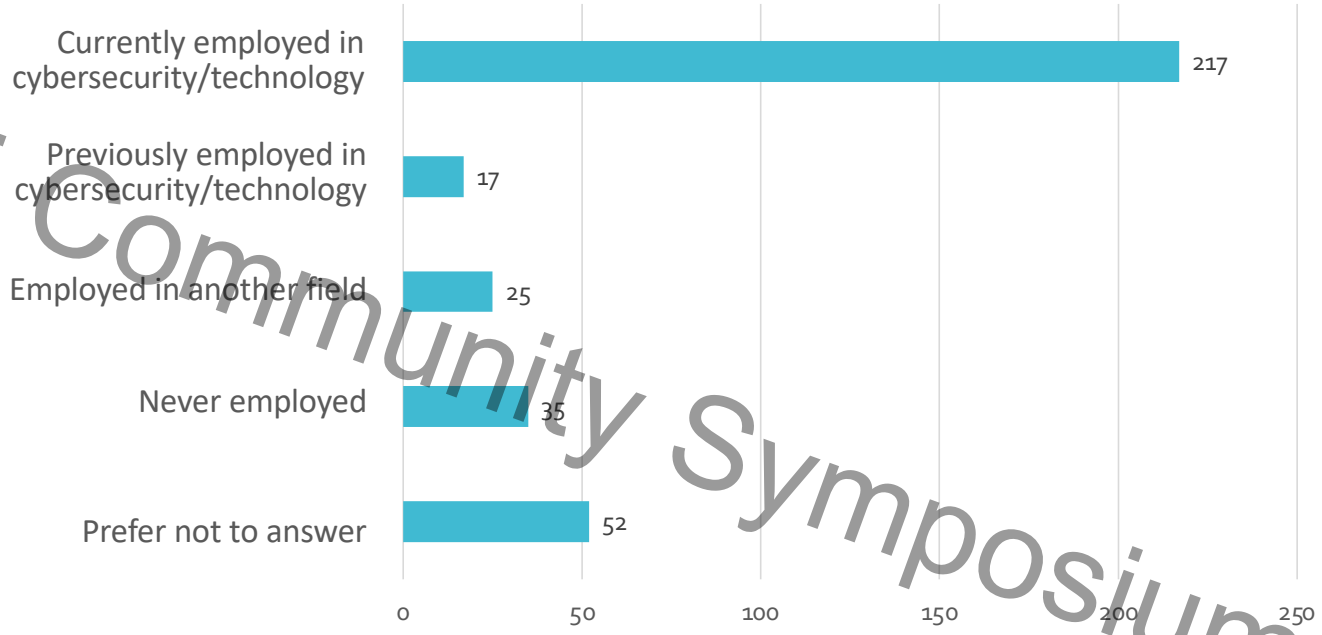

67.63% employed in cybersecurity or technology related role

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Impact of Cybersecurity Education

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- 156 alumni responses
- Contribution to current employment position
- 76.3% indicated very significant or significant contribution
- 1.9% indicated no contribution

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Industry Certifications

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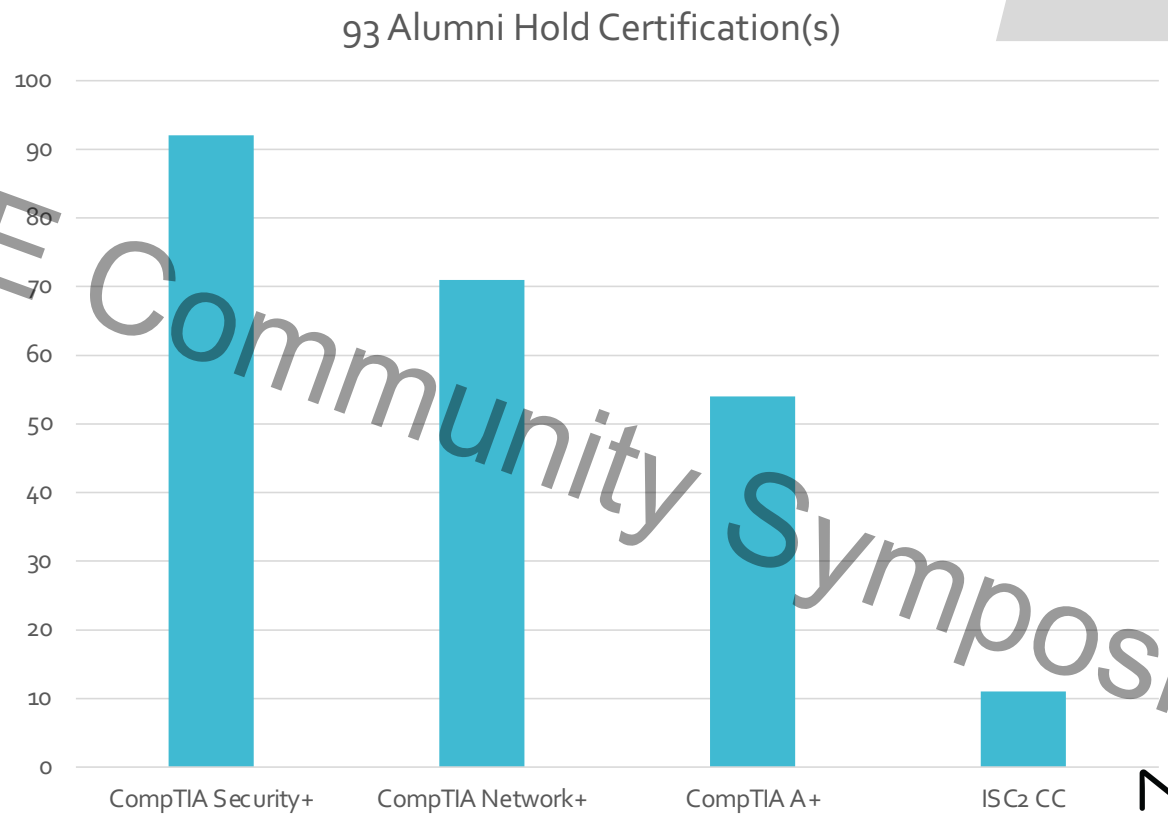

217 alumni responses

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Top 10 NICE Work Roles

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1. Technical Support IO-WRL-007
2. System Administration IO-WRL-005
3. Incident Response PD-WRL-003
4. Cybersecurity Policy and Planning OG-WRL-002
5. Vulnerability Analysis PD-WRL-007
6. Network Operations IO-WRL-004
7. Defensive Cybersecurity PD-WRL-001
8. Systems Testing and Evaluation DD-WRL-007
9. Cybersecurity Instruction OG-WRL-005
10. Threat Analysis PD-WRL-006

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Questions

THANK YOU

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Coastline College

Researcher on behalf of NCyTE Center

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