EMPLOYMENT OUTCOMES TWO-YEAR COLLEGE ALUMNI

Tobi West, Doctoral Candidate, Dakota State University





755,743

U.S. Cybersecurity Job Openings
- CyberSeek -

\$6.9 trillion

Global Cost of Cyber Attacks in 2021 - FBI -

3,432,476

Global Cybersecurity Workforce Gap – (ISC)2 –



OVERVIEW

2019 Study NCyTE & CSSIA PURPOSE
Goals & Stakeholders

OTHER STUDIES

National & Global

CURRENT STUDY
Phases & Call to Action



1

WORKFORCE STUDY: Community College Alumni Where are they now?

John Sands & Corrinne Sande

2019 Study







OUTCOMES

213	Operate & Maintain
1	Network Operations Specialist & System Administrator
45º/o	CompTIA Security+ certification
65%	Alumni stated their program prepared them for their work

2 PURPOSE

Goals & Stakeholders

STAKEHOLDERS







EMPLOYERS



STUDENTS



GOVERNMENT AGENCIES



NATIONAL SECURITY AGENCY



ORGS RELIANT ON CYBERSECURITY TALENT

3 OTHER STUDIES

(ISC)2 & University of Jyväskylä

(ISC)2 Global Workforce Studies



Nearly 20 years of annual workforce studies



PRIORITIES

Top cybersecurity issues & primary concerns

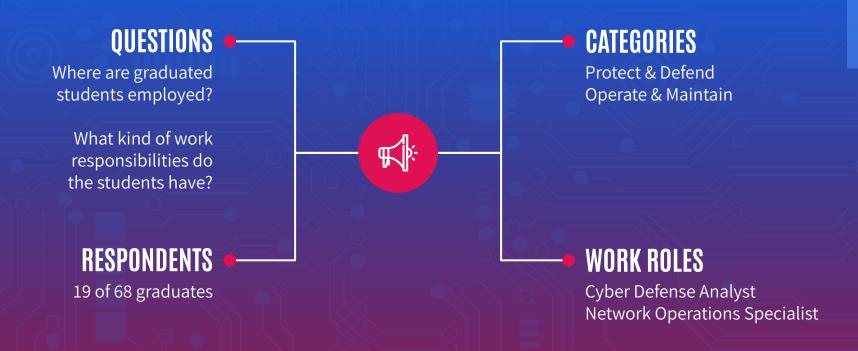
SKILLS GAP

Impact of education, training, & certification



Gender gap
Diversity, equity, & inclusion

JYVÄSKYLÄ UNIVERSITY OF APPLIED SCIENCES (JAMK)



4 CURRENT STUDY

Phases & Call to Action

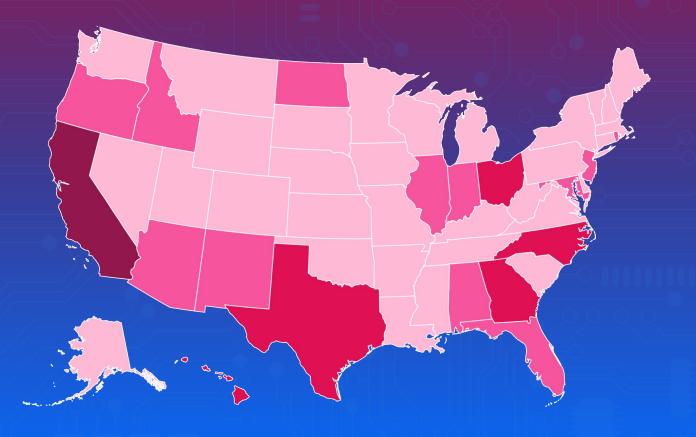
PHASED APPROACH





CAE-CD POCS	Program of Study Alumni
Program of Study NICE Framework Categories NICE Work Roles Program Resources Contact Alumni 2019-2023	Program Completed Prior Degrees & Continued Education Current Employment NICE Work Roles Program Resources Industry Certification Rate Importance of Education to Career
27	35

Participation by State



Number of Colleges









TIMELINE



THANKS!

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https://www.research.net/r/CAE-CDPOC

