

An aerial night view of a city skyline, likely New York City, with numerous skyscrapers illuminated. Overlaid on the city are glowing green and yellow digital network lines, including arcs and straight paths, representing a complex digital infrastructure or data network. The sky is dark with some clouds.

Evolving Cybersecurity Landscape: Workforce Development & Skills Gap

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Co-Founder & COO | Cyber Qubits



3 things you might not
know about Cyber Crime!

A close-up, low-angle shot of a hand typing on a laptop keyboard. The scene is dimly lit, with the primary light source coming from the screen, which is out of focus in the background. The hand is in sharp focus, with fingers pressing down on the keys. The overall mood is professional and focused.

Extremely Fast

Every 39
seconds

Source: World Economic Forum

A close-up, low-angle shot of a hand typing on a laptop keyboard. The scene is dimly lit, with the primary light source coming from the screen, which is out of focus in the background. The hand is in sharp focus, with fingers pressing down on the keys. The overall mood is professional and focused.

Extremely Profitable

3rd Largest
Economy

Source: World Economic Forum

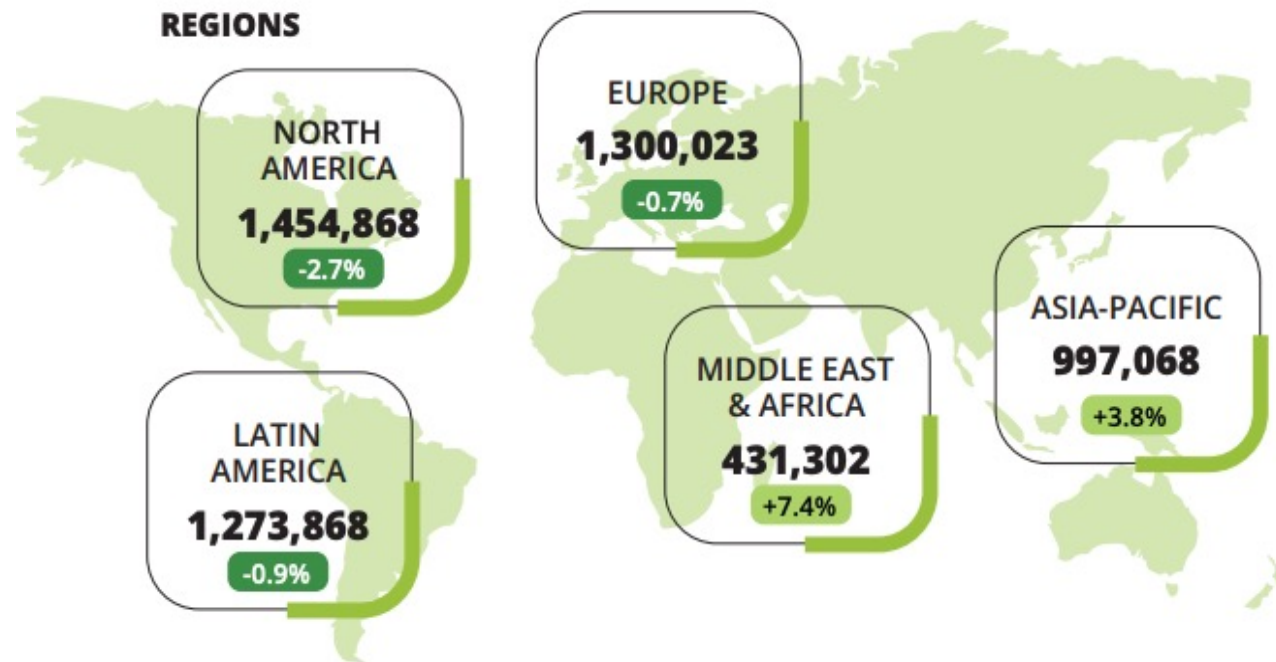
A close-up, low-angle shot of a hand typing on a laptop keyboard. The scene is dimly lit, with the primary light source coming from the screen, which is out of focus in the background. The hand is in sharp focus, with fingers pressing down on the keys. The overall mood is serious and technical.

Extremely Easy

Cybercrime as a
Service (CaaS)

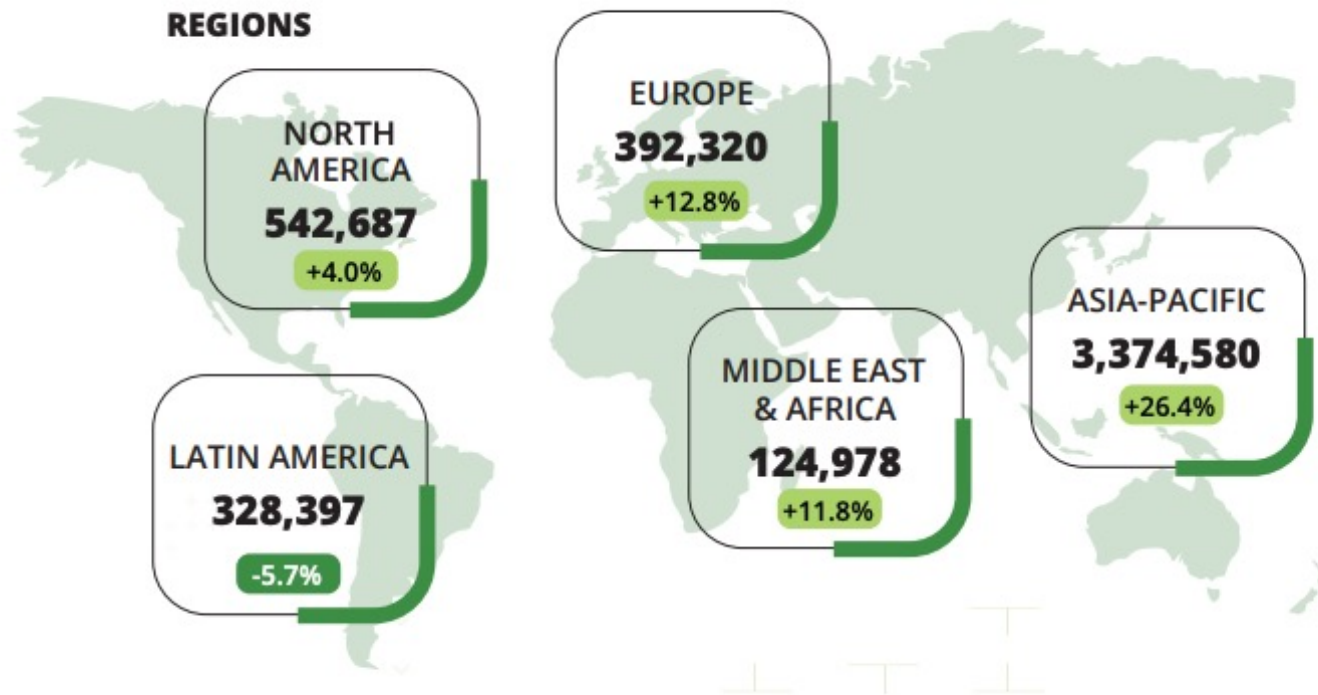
Source: World Economic Forum

5.4M Global Cybersecurity Workforce



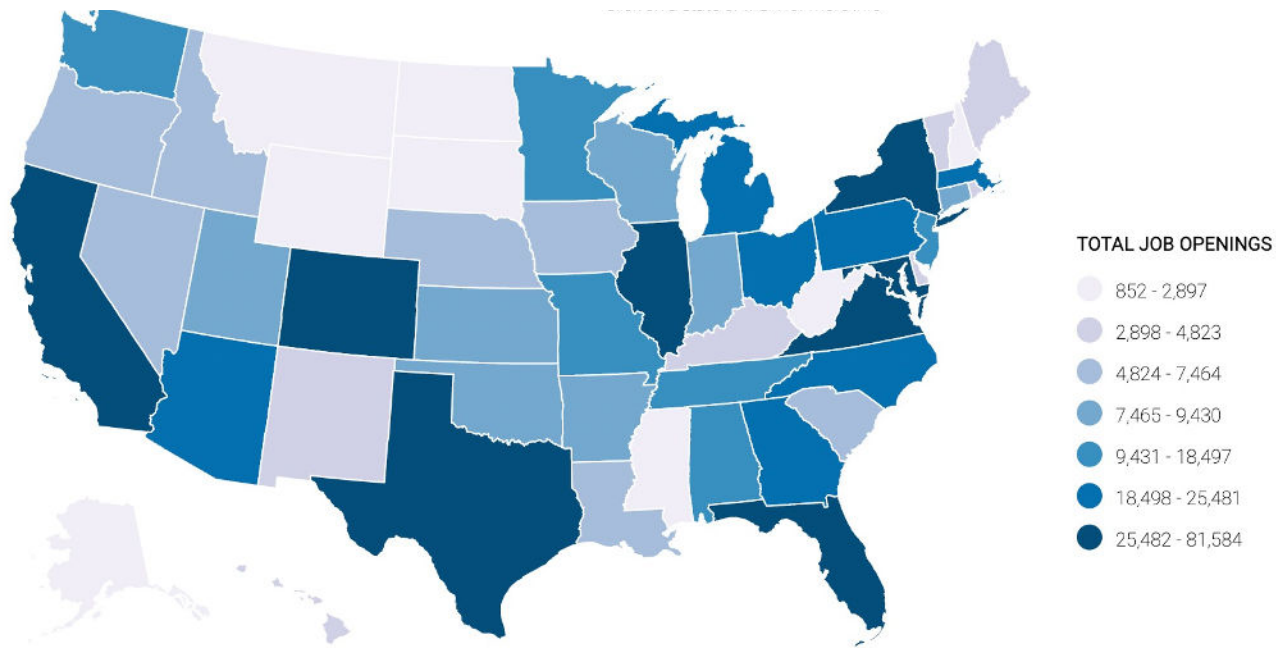
Source: ISC2 Cybersecurity Workforce Study, 2024

4.7M Global Cybersecurity Workforce Gap



Source: ISC2 Cybersecurity Workforce Study, 2024

U.S. Cybersecurity Workforce Gap: 457k



16k Colorado | 9k Denver MSA

Source: [CyberSeek.org](https://www.cyberseek.org)

Traditional Education



Education

Higher Education
Degree

2-4 Years



Non-Traditional Education



Apprenticeship

On-the-Job Learning
Classroom Instruction

1-1.5 Years



Bootcamp

Wide Topic Coverage
Project-based

9-12 months



Certificate

Focused Topic Coverage
Skills Development

3-6 months



Certification

Exam Preparation
Limited Focus

1-3 weeks



Colorado Registered Cybersecurity Education & Training Providers

16

TRADITIONAL EDUCATION

15

NON-TRADITIONAL EDUCATION

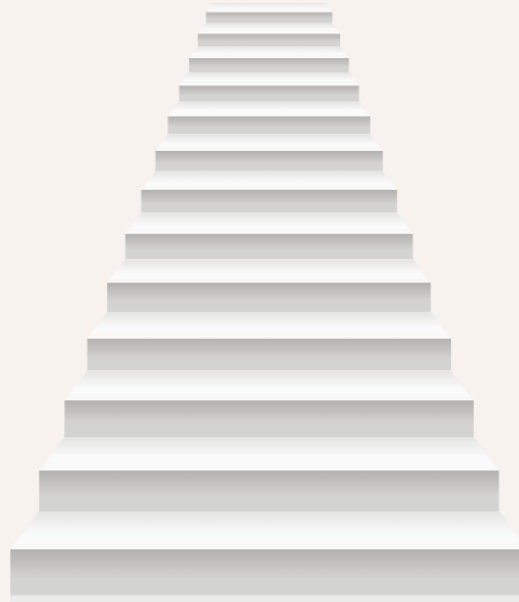
BOOTCAMPS

IN-STATE PROVIDERS

3

UNIVERSITY

CU Boulder
Denver University
Colorado State University



OUT-OF-STATE PROVIDERS

PRIVATE

2

Springboard
QS Academy

CERTIFICATES

IN-STATE PROVIDERS

OUT-OF-STATE PROVIDERS

ADVANCED

ADVANCED

Cyber Qubits

MID-LEVEL

MID-LEVEL

ACI Learning

Next GenT

ENTRY LEVEL

ENTRY LEVEL

Activate Works
Cyber Qubits

SnapIT Solutions

SOURCE: COLORADO TRAINING PROVIDERS

CYBER RESKILL INITIATIVE

Our Pledge

- ✓ Diversity Scholarships
- ✓ 10% Off - Displaced Workers
- ✓ Free 5-Day Learning Challenge
- ✓ Get Social with Cyber Qubits



@cyber_qubits



ACCELERATE YOUR CAREER WITH CYBER QUBITS' CERTIFICATES



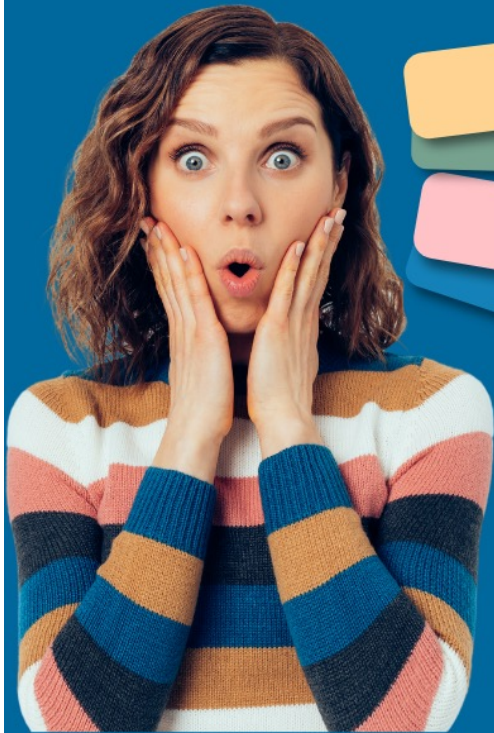
LEVEL UP YOUR FOUNDATION WITH OUR **FREE** CYBERSECURITY FUNDAMENTALS COURSE!



DELIVERY
PARTNER



Has my data been breached?



PRIVACY RISK

FINANCIAL LOSSES

STOLEN CREDENTIALS

REPUTATIONAL DAMAGE



*Thank
You*

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