

Overview of the Cybersecurity Workforce Alliance (CWA)

- Solving a national problem: generating workforce ready students in critical disciplines, where demand truly exceeds supply, like cybersecurity. Aligning education w/industry is what we do, using the iQ4 platform to empower students
- “Virtual mentorships” for students, the Epic Challenge, using industry developed standards & competencies, like the NIST Cybersecurity Workforce Framework (NCWF)
 - Taxonomy driven KSAs for roles; measure performance outcomes; analytics driven
 - Verifiability closes the skills gap for entry level employees
- The next-gen, interactive resume for students: The Digital Skills Passport
 - NSC verified credentials showing academic and applied learning progress/performance for students & employers
 - A comprehensive, proficiency profile
 - Authenticated edu-workforce Match.com, based on unique skills and applied learning



Mission

Improving cybersecurity skills & scaling the available student workforce, making students more attractive to hire and providing immediate value to the public/private sectors

Outcomes

Aligning/enhancing applied-learning curricula, which develops skills in cybersecurity and information risk

Reducing the amount of training necessary for college new hires

Increasing Student Expertise/Work Experience

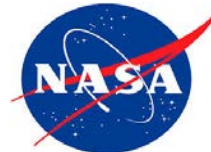
Aligning Professional Requirements to Role Profiles



Cybersecurity Workforce Alliance

Leadership Coalition in Cyber Workforce Development

Founding Members



- Federal Reserve Bank (NY)
- Morgan Stanley
- Goldman Sachs
- Bank of NY Mellon
- Fidelity Investments
- Deloitte & Touche
- Capgemini
- JPMorgan Chase
- Express Scripts
- Citizens Bank
- US Bank
- FS Roundtable
- NASA
- Bank of America
- American Express
- Standard Chartered Bank
- Perkins Coie
- RANE Network

The Four CWA Cornerstones

TECHNOLOGY

Development & Mobility Platform

ENGAGEMENT & SCALE

Extending the Workplace to the classroom



Cybersecurity Workforce Alliance



STANDARDS

Taxonomy, KSAs, Analytics



BUSINESS CASE

ROI, Plug & Play

**iQ4 and NATIONAL STUDENT CLEARINGHOUSE
AWARDED 1ST PLACE IN 18TH BEST PRACTICES COMPETITION**

EXTENDING THE CAPACITY OF HIGHER EDUCATION TO SCALE THE OUTPUT OF VERIFIED WORKFORCE-READY GRADUATES