



QA is Combating the Global Shortage of Cybersecurity Professionals



THE SITUATION

As the business world continues to shift towards remote work, there has been a surge in threats that exacerbate existing cybersecurity challenges. The frequency of malicious breaches is staggering, with the volume of sensitive personal and financial information costing \$8 trillion USD globally in 2023.

Encouraging news indicates that the global cybersecurity workforce has reached 5.5 million people, reflecting an 8.7% increase from 2022. However, the global cybersecurity workforce gap increased to four million last year, marking a 12.6% increase compared to 2022, according to the ISC2 2023 Cybersecurity Workforce Study.

Decreasing the cybersecurity workforce gap remains a prominent long-term challenge, with the cybersecurity workforce size still 65% below what is needed, according to the latest figures from ISC2.

QA, a digital skills and cybersecurity workforce development company in the UK, is working diligently to tackle this challenge with training solutions that benefit the global cybersecurity posture.

QA's Cybersecurity Apprenticeship Programs provide a foundational skill set that is marketable for learners to help build career growth in the workforce. QA's philosophy is that everything starts with the cyber security learner. Transforming the lives and careers of these learners is what motivates all of QA's programs. Through the Cyber Apprenticeship programs, QA succeeds where recruiters cannot, finding diverse and ambitious talent and arming them with the technology and cybersecurity skills businesses need to strengthen their cybersecurity posture.





“The increase in the global supply of cybersecurity professionals is encouraging. But QA is being realistic about the skills gap the world is still facing and continues working diligently to increase the pool of talented cybersecurity professionals globally.”

LAURIE WEBB
Head of Growth
The Project Ares Team
Circadence Corporation

THE SOLUTION

QA's Apprentice Programs highlight developing and advancing skills of young professionals by providing foundational training and work experience that applies to today's business world. To address the technology skills gap, the QA team leverages Project Ares as an educational tool to bring the practical hands-on keyboard and immersive learning into their workforce development courses. QA has taught over 600 learners using Project Ares and provided more opportunity and experience to the young workforce as a result. Project Ares' game-inspired, web-based platform engages and empowers student learning. Hands-on training and active-learning models increase retention rates by up to 70%.

Gamified learning keeps participants engaged and excited about continuous training, helping them see the value of their capabilities.



"The Project Ares immersive, cyber range environment provides a safe place for learners to practice all of the acquired hands-on skills throughout the program."

RICHARD BECK
Director of Cyber, QA



THE BENEFIT

Project Ares provides apprentices with real-world progressive technical 'in-game' assessments. The gamified learn-by-doing solution allows instructors to track ongoing assessments, achievements, and measure learners' progress throughout the program.

With QA, apprentices can expect to gain qualifications valued by the world's most profitable tech sector organizations. From apprentice to junior professional, QA graduates emerge into the technology industry with the skills needed for success.

**OVER 1700 CREDLY CYBERSECURITY
SKILL BADGES ISSUED**



"Project Ares is a much more engaging way to learn new things...your given context on what you're supposed to achieve and given logical steps on how to approach it, rather than being told how to do it your encouraged to try new things on your own"

ANONYMOUS STUDENT





ABOUT

For over 30 years QA has been a trusted training and talent partner for global businesses and government organizations. QA offers a broad range of courses and training services across multiple subject areas to help businesses develop technology talent within their organizations. QA delivers services to over 5,000 corporate clients with training practices in agile, cyber security, cloud and DevOps and many other technology specialists. QA is a Microsoft Gold delivery partner.

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