CyberGenIQ Results

Below you will find the results of your CyberGen.IQ Assessment. The chart below shows the NICE work roles that are a best fit for you based on your results of the tasks that were part of CyberGen.IQ. There are two parts of the assessment. Your score report will be more accurate when you complete both parts.

Click here to complete the second part if you have not done so already.

To learn more about careers in cyber, check out some great resources here

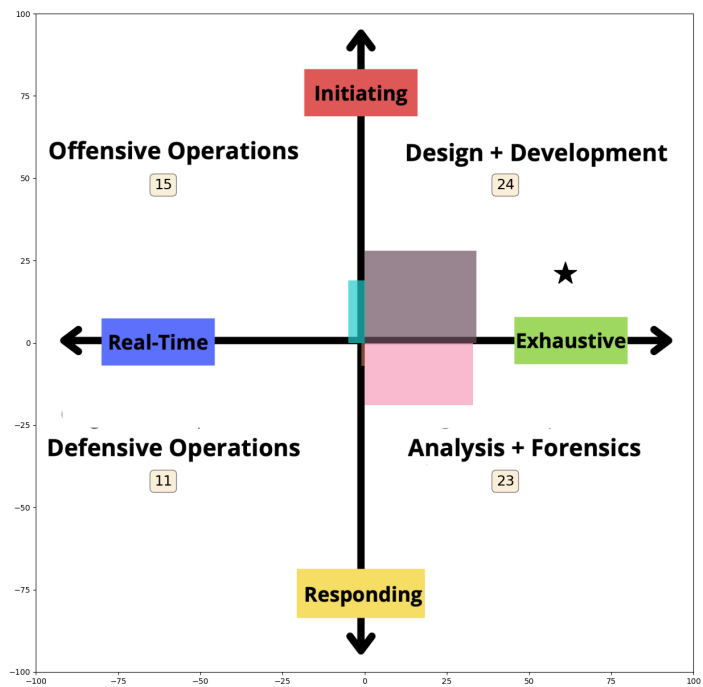## Understanding the Cognitive Constructs of CyberGen.IQ

Each task relates to a different cognitive construct. The five constructs we tested were:

- Initiating
  - Make connections to generate novel solutions
- Real Time
  - Capture information and react quickly
- Responding
  - Internalize and reproduce learned patterns and information
- Exhaustive
  - Deliberate carefully and weigh up many options
- Critical Thinking spans all job roles and will be vital regardless of which area you pursue.
  - Infer and learn rules or logic from a system

We also can extract data across four main cyber quadrants. These are:

- Offensive Operations
  - Examples: cyber warfare, penetration testing, ethical hacking
  - Derived from the **Initiating** and **Real Time** scores.
- Defensive Operations
  - Examples: network security, incident handling, security operations center
  - Derived from the **Real Time** and **Responding** scores.
- Analysis and Forensics
  - Examples: forensics, threat intelligence, cyber audit and compliance
  - Derived from the **Exhaustive** and **Initiating** scores.
- Design and Development
  - Examples: enterprise security management, application security
  - Derived from the **Responding** and **Exhaustive** scores.

Understanding YOUR CyberGen.IQ Results

The size of each box determines how strong of a fit you are in that quadrant, with a larger box indicating a stronger fit. Each quandrant is made up of two construct scores.

The **Offensive** score is derived from the **Initiating** and **Real Time** scores.
The **Defensive** score is derived from the **Real Time** and **Responding** scores.
The **Analysis and Forensics** score is derived from the **Responding** and **Exhaustive** scores.
The **Design and Development** score is derived from the **Exhaustive** and **Initiating** scores.
Critical Thinking gets included in all quadrant scores as those skills span each quadrant.

The black star indicates where we believe your optimal point is spatially on this plot. There are no good or bad positions, but different points represent unique stories. Being near the center of the plot (origin) indicates that you have skills in many buckets and could be a flexible team member, straddling many job roles. Being further in one direction or into one quadrant says we believe you have a strong aptitude to perform highly in those specific job roles based on your scores and the job requirements.

Design + Development	
You have an EXCEPTIONAL	
fit for these roles	
Communications Security (COMSEC) Manager	Privacy Officer/Privacy Compliance Manager
Program Manager	Mission Assessment Specialist
IT Project Manager	Cyber Intel Planner
Cyber Instructional Curriculum Developer	Cyber Ops Planner
Cyber Instructor	System Administrator
Security Architect	Systems Security Analyst
Software Developer	Database Administrator
Authorizing Official/Designating Representative	Data Analyst
Systems Requirements Planner	Knowledge Manager
Information Systems Security Developer	Executive Cyber Leadership
Systems Developer	Cyber Legal Advisor
Research & Development Specialist	Information Systems Security Manager
	System Testing and Evaluation Specialist

Task	Percentile	Construct	Quadrants	Measures	Insights	Relation to Cyber
Dynamic Systems Control	Not yet taken	Critical Thinking	All	Complex problem solving	Not yet taken	Not yet taken
Matrix Reasoning	Not yet taken	Critical Thinking	All	Rule induction	Not yet taken	Not yet taken
Remember and Count	56	Critical Thinking	All	Visuospatial working memory	You're able to focus in the midst of distractions. You did well in school and generally have strong reading skills. You might also have a future as a plate spinner!	Your strong working memory gives you an ability to juggle a large numer of factors in your head at once. This could take the form of juggling multiple 16-digit hex addresses, debugging symbols, or forensic artifacts.
Need for Cognitive Closure	21	Exhaustive	Design/Development, Analysis/Forensics	The need to arrive at a solution during problem solving.	You don't like to commit to answers too soon. You thrive in ambiguity and love the freedom it provides. You hate predictability.	Exhaustive search problems and open ended monitoring are strong suits of these individuals.
Number Picker	Not yet taken	Exhaustive	Design/Development, Analysis/Forensics	Tolerance for risk	Not yet taken	Not yet taken
Pattern Vigilance	Not yet taken	Responding	Defensive, Analysis/Forensics	Vigilance	Not yet taken	Not yet taken
Remote Associates	8	Initiating	Offensive, Design/Development	Creative thinking	You like linear problems that have a clear path. Seeing a goal and the steps needed to achieve that goal help you succeed.	It may take more effort to see relationships between loosely affiliated data points. This might require more time for testing connections between indicators of attack.
Coding Speed	1	Real-Time	Offensive, Defensive	Pattern recognition and scanning	You don't enjoy holding a bunch of values in your head. You might use reference tables or past code to help you build new projects.	There are many tools that can help translate binary data, debugging data, or network trace data into other formats. Employing those tools may speed your response times to unsually encoded data or artifacts.
Recent Probes - 1 item	Not yet taken	Real-Time	Offensive, Defensive	Psychomotor speed	Not yet taken	Not yet taken
Anomaly Detection Rule Based	Not yet taken	Responding	Defensive, Analysis/Forensics	Anomaly detection	Not yet taken	Not yet taken
Statistical Learning	Not yet taken	Responding	Defensive, Analysis/Forensics	Anomaly detection	Not yet taken	Not yet taken
Need for Cognition	58	Critical Thinking	All	Degree to which one enjoys mentally demanding tasks	You love problem solving challenges. You like to debate and care more about quality of arguments and ideas than gut feel.	Your willingness the persist in the face of daunting challenges will allow you to solve cybersecurity problems that others give up on.
Paper Folding	Not yet taken	Critical Thinking	All	Spatial visualization	Not yet taken	Not yet taken
Spatial Integration	Not yet taken	Initiating	Offensive, Design/Development	Mental model ability	Not yet taken	Not yet taken