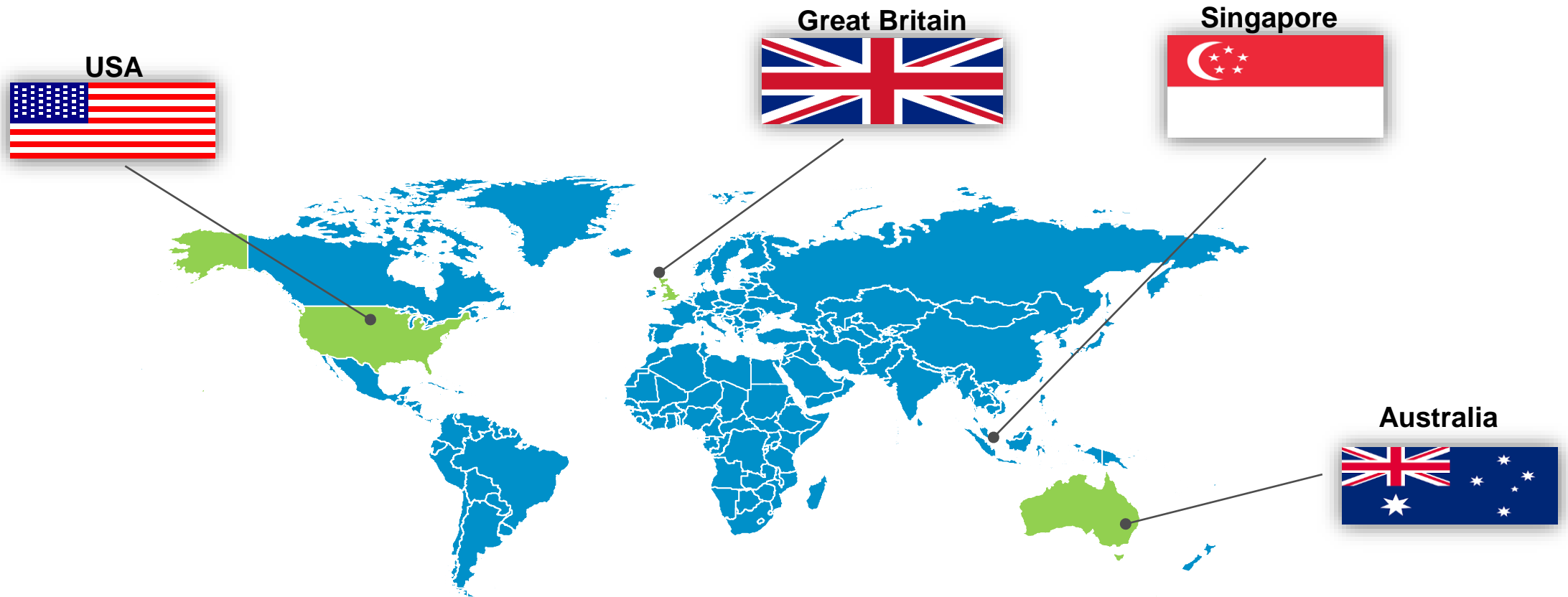




Geographic Footprint

- In addition to the United States, LifeJourney has found significant interest in building a cyber workforce in other countries. LifeJourney is now working with students in the United States, Great Britain, Singapore, and Australia.
- Partners are able to scale and leverage their impact in the communities they serve.





HOST

Vicki Madison, Exelon



Perfect! Welcome to the **STEM Ideation Home Page**.
Let's walk through your first journey together. **Click** on my **Threat Intelligence Analyst** journey below.



JOURNEY SELECTION

<p>Threat Intelligence Analyst Exelon</p>  	<p>Data Scientist Lockheed Martin</p>  	<p>IOT Architect CISCO</p>  	<p>Chief Analytics Officer SAS</p>  
<p>Global Finance Manager Barclays</p>  	<p>Capologist Baltimore Ravens</p>  	<p>Bio Medical Engineer Johnson & Johnson</p>  	<p>CIO Symantec</p>  
<p>Global Threat Director Singtel</p>  	<p>Cyber Risk Officer Deloitte</p>  	<p>Crypto Analyst NSA</p>  	<p>CISO HP</p>  



Skills Model

Life Journey Soft Skills		EDUCATION 2014 DISCOVERY FORUM Learn • Grow • Inspire	Life Journey Hard Skills	
Communication	Courses / Activities		Programming	Attacks & Vulnerabilities
Analytical	Cyber Science Engineering Programming Linear Thinking Logic Flow Cryptology Encryption Attacks (MITM, Brute Force) Networking Liberal Arts Privacy vs. Security 1 Malware Reverse Engineer 2 Data Scientist 3 Mobile App Vulnerability Analyst 4 Cyber Solutions Expert 5 Insider Threat Analyst 6 Cyber Risk Manager 7 Attack Vector Analyst 8 Global Threat Director 9 Secure Mobility Architect 10 Network Pen Tester 11 Advanced Threat Analyst 12 Cyber Fraud Analyst 13 Predictive Threat Analyst 14 Malware Expert 15 Cyber Management Consultant 16 Data Center Designer 17 SCIF Architect 18 CISO	Attacks & Vulnerabilities	Computers & Electronics	
Detail Oriented		OS & Internals	Software Eng/Dev	Probability & Statistics
Curious		Interactive Design	Data Mgt	Knowledge Mgt
Creative		Networks	Info Systems	Infrastructure Design
Passionate		Human Factors	Technology Awareness	Computer Forensics
Persistent		Computer Forensics	Risk Mgt	Info Assurance
Multi-Tasking		Reasoning	Math Reasoning	Incident Mgt
Confident		Mobile Communications	Physics	3D Design
Dedicated		Architectural Design	Math (Geometry, Algebra)	Identity Mgt
Time Management		Systems Administration	Covert Tools & Sys	Software Debugging
Problem Solver		Software Debugging	System Applications	Virtual Machines
Goal Oriented		System Applications	Encryption	Social Media
Innovative		Virtual Machines	Encryption	Encryption
Respectful		Encryption	Encryption	Encryption
Business & Mgt. Acumen		Attacks (MITM, Brute Force)	Attacks (MITM, Brute Force)	Attacks (MITM, Brute Force)
Positive		Networking	Networking	Networking
Diligent		Privacy vs. Security	Privacy vs. Security	Privacy vs. Security
Resilient		Malware Reverse Engineer	Malware Reverse Engineer	Malware Reverse Engineer
Optimistic		Data Scientist	Data Scientist	Data Scientist
Focused	Mobile App Vulnerability Analyst	Mobile App Vulnerability Analyst	Mobile App Vulnerability Analyst	
Honest	Cyber Solutions Expert	Cyber Solutions Expert	Cyber Solutions Expert	
Responsive	Insider Threat Analyst	Insider Threat Analyst	Insider Threat Analyst	
Empathy	Cyber Risk Manager	Cyber Risk Manager	Cyber Risk Manager	
Continuous Improvement	Attack Vector Analyst	Attack Vector Analyst	Attack Vector Analyst	
Organization	Global Threat Director	Global Threat Director	Global Threat Director	
Consistent	Secure Mobility Architect	Secure Mobility Architect	Secure Mobility Architect	
Assertive	Network Pen Tester	Network Pen Tester	Network Pen Tester	

JAN 2, 2016 @ 09:06 AM 71,238 VIEWS

One Million Cybersecurity Job Openings In 2016



Steve Morgan
CONTRIBUTOR

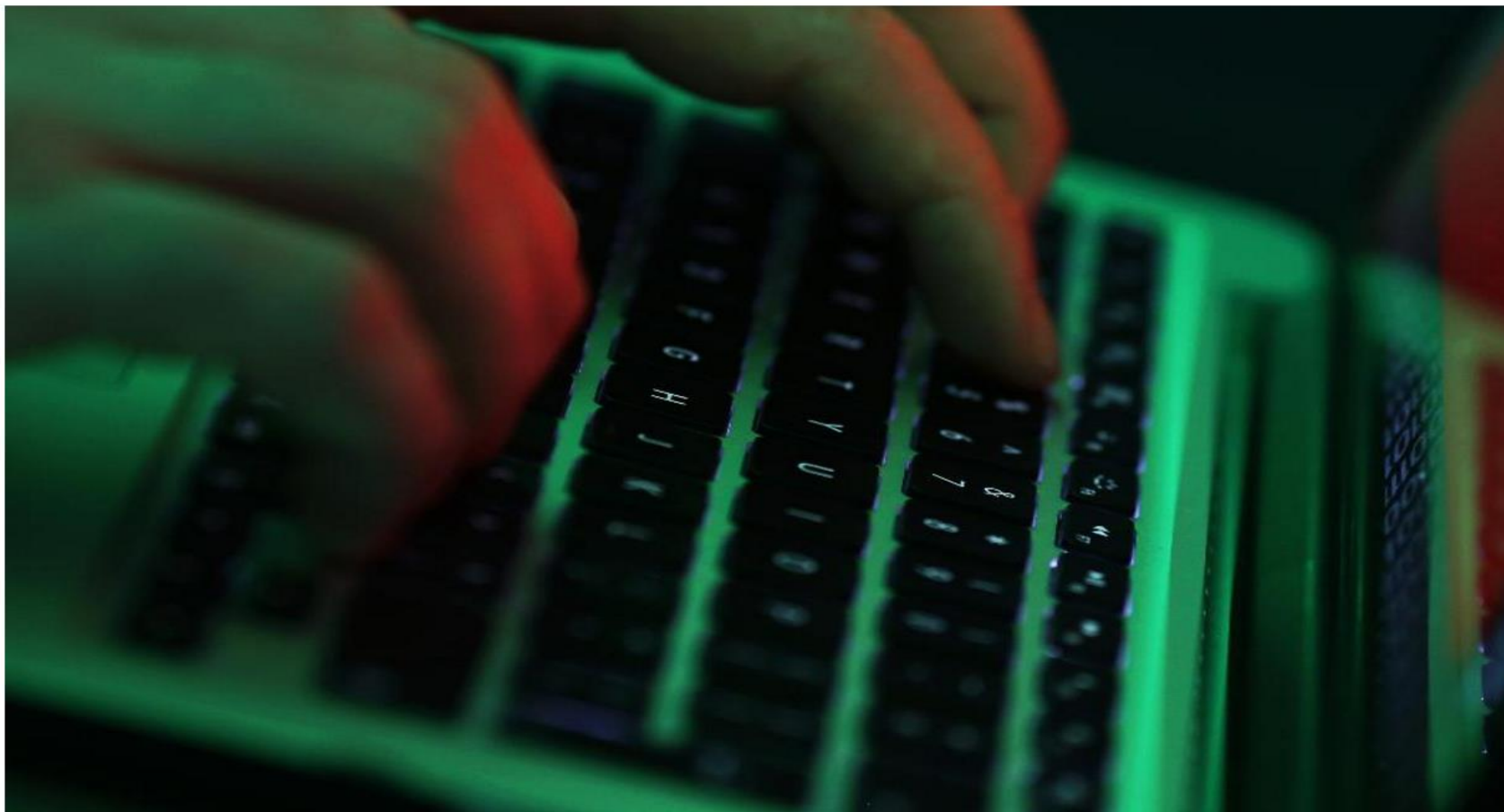
I write about the business of cybersecurity.

[FOLLOW ON FORBES](#)



[FULL BIO >](#)

Opinions expressed by Forbes Contributors are their own.



Photographer: Chris Ratcliffe/Bloomberg

If you are thinking about a career change in 2016, then you might want
at the burgeoning cybersecurity market which is expected



DAY OF
CYBER

AN INTERACTIVE EXPERIENCE SPONSORED BY NSA

Registration Page:

www.nsadayofcyber.com

Life Journey

SIGN UP FAQ PARTNERS ABOUT GETTING STARTED CONTACT

NSA DAY OF CYBER IS AN INTERACTIVE, SELF-GUIDED, AND FULLY-AUTOMATED CYBERSECURITY CAREER EXPERIENCE AND IS FREE FOR ALL REGISTRANTS FOR A YEAR

Register -> [HERE](#)

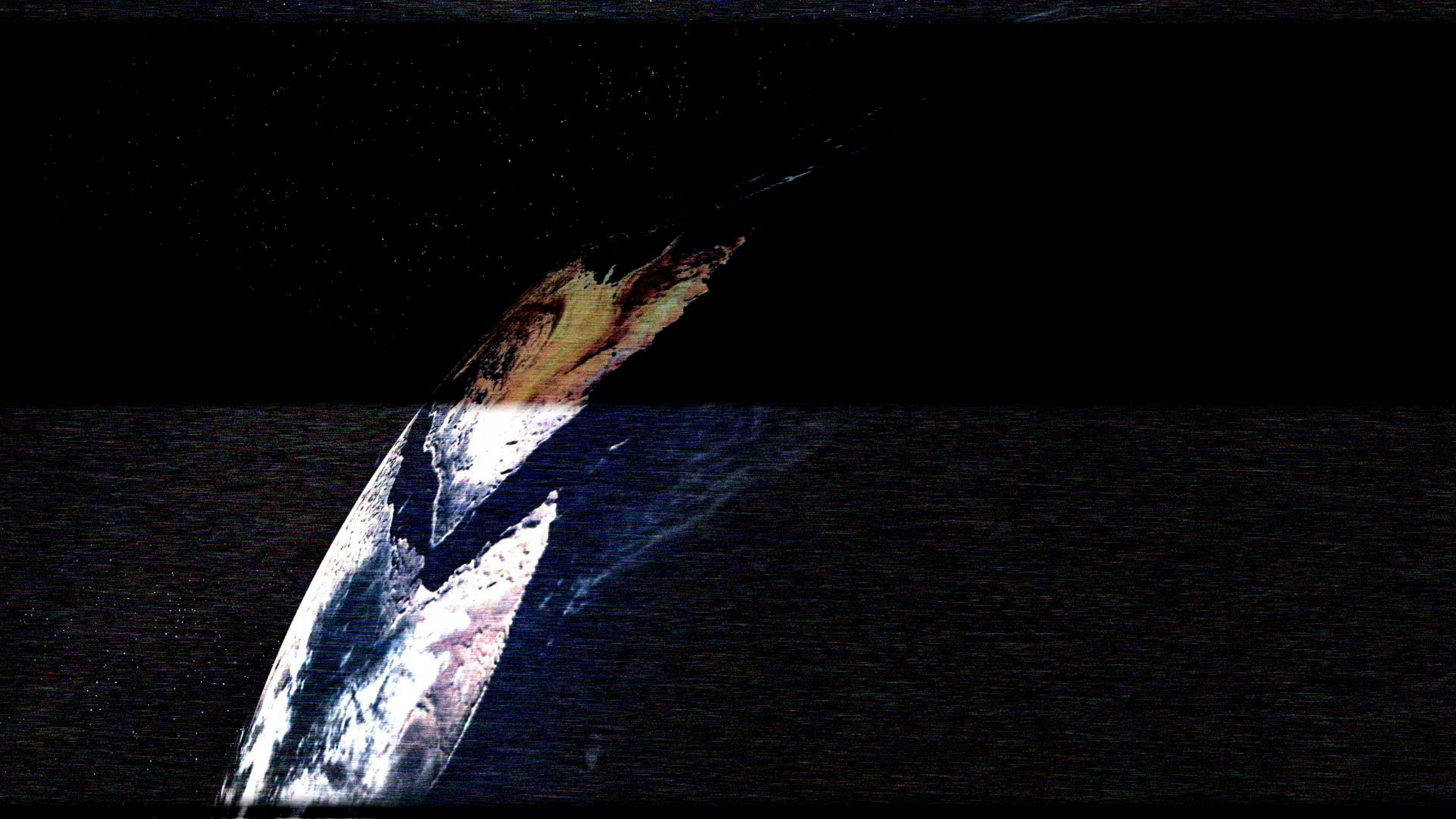
Already have an account? [Log in](#)

NATIONAL SECURITY AGENCY
UNITED STATES OF AMERICA

DAY OF
CYBER
AN INTERACTIVE EXPERIENCE SPONSORED BY NSA

Registration Now Open

Universities/Schools Professors and Teachers can run the NSA Day of Cyber in their classrooms to connect what they teach to these exciting STEM Careers.	Organizations Organizations can provide the NSA Day of Cyber to their members at no cost.	Students Students can Test Drive their future with the NSA Day of Cyber .	Adult Learners Veterans, Adult Learners and Parents can experience the NSA Day of Cyber to introduce their families to these rapidly growing STEM careers.
Register now	Register now	Register now	Register now



NSA Day of Cyber Video Link

The image shows a presentation slide from a video. The slide is titled "Upsides" and features a background image of a city skyline with a grid overlay. The text on the slide reads: "Upsides: Allows us to gather more intelligence about the hacker organization". The slide is part of a presentation by "Life Journey" and includes navigation links for "ABOUT", "FEEDBACK", and "HELP". A user profile for "Joe Student" is visible in the top right corner. Below the slide, a bar chart is partially visible, showing data points for four categories.

Life Journey

ABOUT FEEDBACK HELP - Joe Student -

UPSIDES

Allows us to gather more intelligence about the hacker organization

526

Category	Value
1	5
2	7
3	7
4	8
5	7
6	7
7	7
8	7
9	7
10	7



Five million register for NSA's 'Day of Cyber'

SHARE



WRITTEN BY

Shaun Waterman

NOV 11, 2016 | CYBERSCOOP

More than five million students and others interested in a cyber career have registered with the National Security Agency's "Day of Cyber" website since its launch just over a year ago, the agency confirmed this week.

Registered visitors to the site — which is aimed at aspiring cyber-professionals aged 13 and up — can "test-drive cyber careers and live a day in the life of six leading NSA cyber professionals," the NSA said when it launched just over a year ago.

Students and other users, who have registered themselves or been signed up as part of a class by their teacher, get to virtually explore simulated real-life cyber scenarios and discover the skills and tools used by the NSA hackers, analysts and cyber-defenders. They also get to explore various career paths in cybersecurity and generate their "cyber resume," according to LifeJourney USA, the company whose "career exploration" technology runs the platform.

NSA Day of Cyber – Explore Cyber Careers and Skills

The screenshot displays the 'Life Journey' website interface. At the top left is the 'Life Journey' logo with the tagline 'Find your passion'. To the right are navigation links for 'ABOUT', 'FEEDBACK', and 'HELP', along with a user profile 'Rick Geritz'. Below this is a 'HOST' section for 'SETH DERVIS, NSA', featuring a circular profile picture and a message: 'Here you will find all the Journeys that are available for you to explore. Select one that appeals to you the most and start exploring.' To the right of the message is the NSA seal. A navigation bar contains four tabs: 'MY ACHIEVEMENTS', 'MY JOURNEYS', 'EXPLORE JOURNEYS' (which is active), and 'FIELD TRIPS'. The main content area is titled 'AVAILABLE JOURNEYS' and features six job cards arranged in a 2x3 grid. Each card includes a profile picture, a job title, a brief description, and a 'MENTOR' name. The first card, 'Exploitation Analyst' by Jemone Layton, has a green checkmark. The second card, 'Cybersecurity Researcher' by Deepak Kasmer, has a NSA seal. The third card, 'Crypto Analyst' by Sandy Nettle, has a NSA seal. The fourth card, 'Computer Network Ope...' by John Virgil, has a NSA seal. The fifth card, 'Vulnerability Analyst' by Imani Meyers, has a green checkmark. The sixth card, 'Capability Dev Specialist' by Madison Keiper, has a NSA seal. A vertical scrollbar is visible on the right side of the grid. The footer contains the 'LIFEJOURNEY™' logo, 'Terms and Conditions of Use', and 'Privacy Policy'.

Life Journey
Find your passion

ABOUT FEEDBACK HELP Rick Geritz

HOST
SETH DERVIS, NSA

Here you will find all the Journeys that are available for you to explore. Select one that appeals to you the most and start exploring.

MY ACHIEVEMENTS MY JOURNEYS **EXPLORE JOURNEYS** FIELD TRIPS

AVAILABLE JOURNEYS

- Exploitation Analyst**
I stay one step ahead of these bad actors by determining where and how they will attack next
MENTOR Jemone Layton
- Cybersecurity Researcher**
I am a researcher and technical lead, and I have an amazing job working on cybersecurity-related app...
MENTOR Deepak Kasmer
- Crypto Analyst**
I decrypt hidden messages and communications protocols flowing throughout the Internet, and analyzin...
MENTOR Sandy Nettle
- Computer Network Ope...**
I provide the network skillset with cyber security expertise in the security of networks used in the...
MENTOR John Virgil
- Vulnerability Analyst**
I identify security threats and risks on target networks and analyze those networks for their securi...
MENTOR Imani Meyers
- Capability Dev Specialist**
I am a software development engineer and I design and code special purpose software to help us captu...
MENTOR Madison Keiper

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NSA DoC Program Flow – Intro to Team by CTC Director



Video

WELCOME

ABOUT YOU

1ST JOURNEY

CAREER SKILLS

2ND JOURNEY

3RD JOURNEY

DASHBOARD

MENTOR

SETH DERVIS, NSA



I thrive on the challenging technical problems that are always evolving in cyber security. Cyber is my particular area of research interest and expertise. I work with an outstanding team who work full-time on the pervasive and evolving cyber threats to deliver the next big thing that keeps us all secure. I look at cyber challenges like **big data** and formulate potential solutions trying to outsmart the adversary.



💬 *What are some other technical challenges?*

💬 *Let's move to the next step*

Cyber Threat Center Director

Manage a core group of network professionals to successfully execute

JOURNEY SPONSOR



Students Rank What's Important

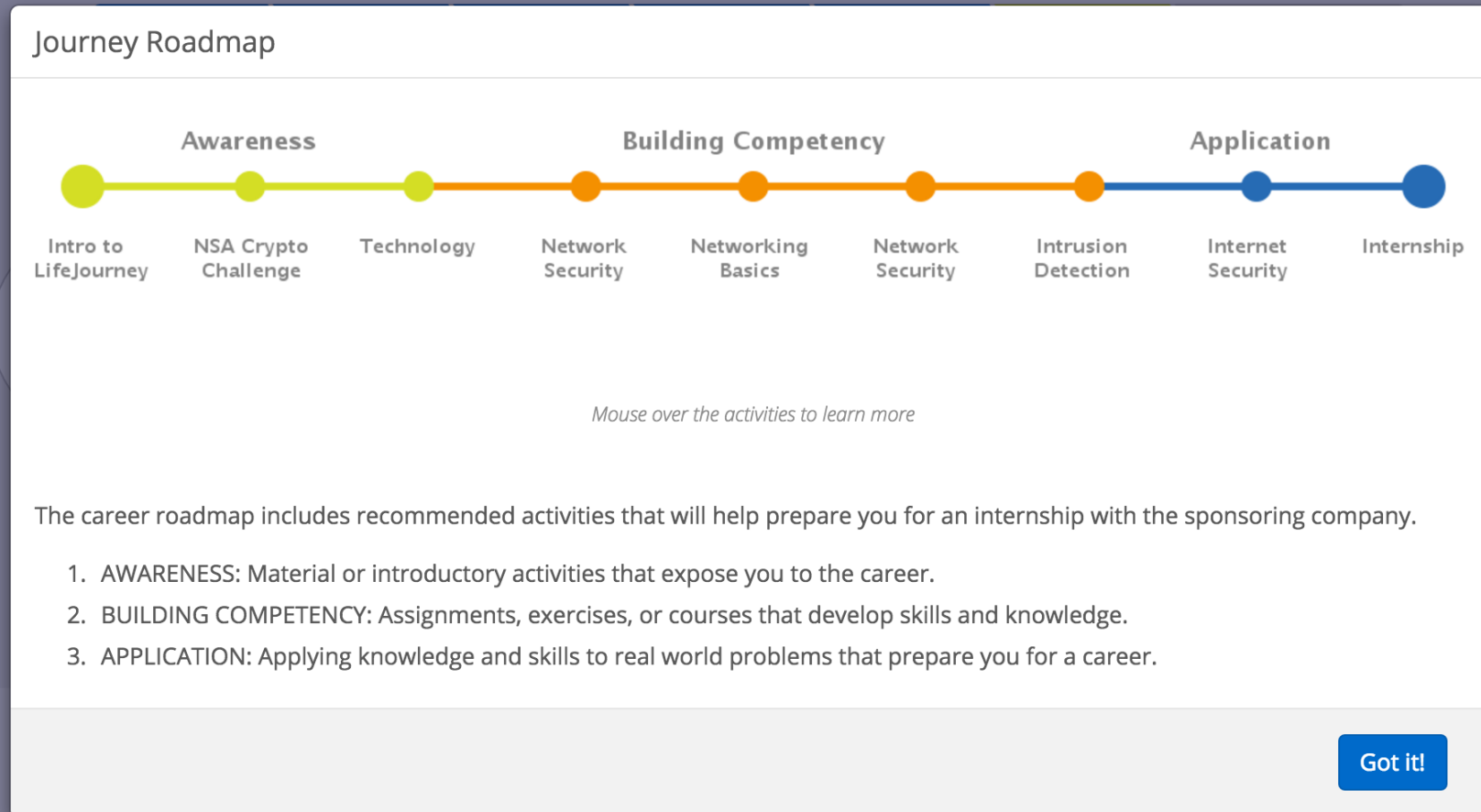
The screenshot shows the Life Journey website interface. At the top left is the logo "Life Journey® Find your passion". At the top right are navigation links: "ABOUT", "FEEDBACK", "HELP", and a user profile "Alex N. Student". Below the navigation is a horizontal menu with "WELCOME", "ABOUT", "KEY", and "DASHBOARD". A central modal window titled "What's More Important to You?" is displayed. It contains the instruction "Drag the options around to place them into your preferred order." and a list of four ranked options:

- 1 Salary**
Wages/Pay
- 2 Work Environment**
Outdoors, Office, Travel, Working from Home
- 3 Work Life Balance**
Time Off, Flexible Hours, Freedom
- 4 Interesting Work**
Use of my Skills, Variety, Challenging, Training Opportunities

A blue "I'm done" button is located at the bottom right of the modal. The background of the website features a circular profile picture of a man, a speech bubble with text, and the National Security Agency logo.

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Skills Road Map



Journey Trailer

What motivation you

Before agency

Start at the NSA

Students focus








Cyber Threat Center Director

Manage a core group of network professionals to successfully execute NSA's mission

JOURNEY SPONSOR



<p>THE MENTOR</p>  <p>SETH DERVIS</p> <p>I thrive on the challenging technical problems that are always evolving in cyber security.</p> <p>LEARN MORE ➔</p>	 <p>Salary Range \$80,000 - 120,000</p>	 <p>Education</p> <p>A degree in Computer Science or equivalent experience is required.</p>
	 <p>Experience</p> <p>Experience with IT technology, security, trends, and industry standards.</p>	 <p>Certifications</p> <p>CertMaster Network+</p>

The Cyber Threat Center Director uses a variety of different tools to help process, analyze, format, manipulate, store, and

Vulnerability Analyst

- Programming
- Info Tech
- Tech & Computers

Crypto Analyst


- Mathematics
- Info Tech
- Languages

Capabilities Development


Solve Cyber Challenges




Student Dashboard

ABOUT FEEDBACK HELP Alex N. Student

HOST
SETH DERVIS, NSA




This tab contains **all** the activities that are available for you to do, relating to the Journeys you have explored. Once you complete an activity, a certificate of achievement will be placed in the **My Achievements** tab.



MY ACHIEVEMENTS MY JOURNEYS EXPLORE JOURNEYS FIELD TRIPS


MY FIELD TRIPS AND ACTIVITIES



CERTIFICATION
NSA DAY OF CYBER
Explore different careers at NSA


WHAT'S NEXT?

Percent Complete: 0%




FIELD-TRIP
COUNTERINTELLIGENCE
Assist CTC team in tracking the bad guys

START




FIELD-TRIP
CYBER CHALLENGE LEVEL 1
Beginner Level Cyber Challenge

YOU CAN



GAME
NSA CRYPTO CHALLENGE
NSA Crypto Challenge

START




TRAINING
NSA INTERNSHIP/CAREER
NSA Internship Program


VIEW

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Student Dashboard

ABOUT FEEDBACK HELP Alex N. Student

HOST
SETH DERVIS, NSA

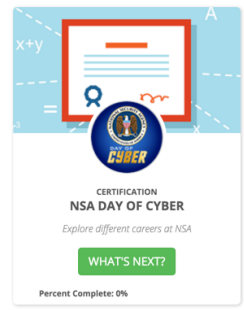


This tab contains **all** the activities that are available for you to do, relating to the Journeys you have explored. Once you complete an activity, a certificate of achievement will be placed in the **My Achievements** tab.

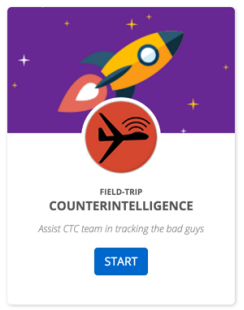


MY ACHIEVEMENTS MY JOURNEYS EXPLORE JOURNEYS **FIELD TRIPS**

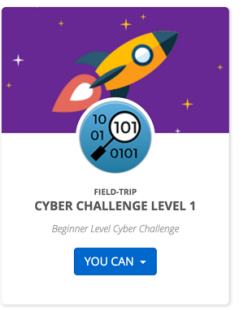
MY FIELD TRIPS AND ACTIVITIES



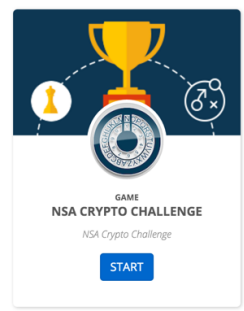
CERTIFICATION
NSA DAY OF CYBER
Explore different careers at NSA
WHAT'S NEXT?
Percent Complete: 0%




FIELD-TRIP
COUNTERINTELLIGENCE
Assist CTC team in tracking the bad guys
START



FIELD-TRIP
CYBER CHALLENGE LEVEL 1
Beginner Level Cyber Challenge
YOU CAN



GAME
NSA CRYPTO CHALLENGE
NSA Crypto Challenge
START




TRAINING
NSA INTERNSHIP/CAREER
NSA Internship Program
VIEW

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Instructor Dashboard




Find your passion

ABOUT FEEDBACK HELP ▾ Instructor Demo ▾




Instructor's Dashboard

NAME
Instructor Demo

ORGANIZATION
Cyber Teacher Test School

STUDENT REGISTRATION KEY
xxxxxxx 









MY STUDENTS CLASS MATERIALS JOURNEYS BECOME A CYBER TEACHER

 **GIVE YOUR STUDENTS ACCESS**  


Have your students visit this address: <https://prod.lifejourney.us>

Have students register with their email address and this code: [xxxxxxx](#)

Search:

<input checked="" type="checkbox"/>	Name	Email	Member Of
<input type="checkbox"/>	 Dolores McLaughlin	 success+2991554@simulator....	
<input type="checkbox"/>	 Elsie Hamilton	 success+7761588@simulator....	
<input type="checkbox"/>	 Elsie Hamilton	 success+2082841@simulator....	
<input type="checkbox"/>		 success+1270075@simulator....	

THE CYBER RESUME



JANE STUDENT
student@server.com

Howard County High School
Ellicott City, MD
www.hcpss.org

Grade Level: Sophomore


Field Trips Taken: 0

Certifications: 0


Objective: Career as a Capabilities Development Specialist

MY TOP 3 STEM JOURNEY CHOICES


Capabilities Dev Specialist
NSA




Vulnerability Analyst
NSA




Exploitation Analyst
NSA




UPCOMING FIELD TRIPS




Clearable
CyberPoint International, LLC



Cyber Science
NICEIC



Cyber Challenge
NSA




Crypto Challenge
NSA

MY PERSONALITY PROFILE

19% Investigative	19% Realistic	19% Social
17% Enterprising	37% Conventional	8% Artistic

MY MENTOR'S PROFILE

My Mentor




Madison Keiper
Capabilities Development Specialist

Soft Skills










- 4 - Conflict Management 10%
- 3 - Problem Solving 13%
- 4 - Creativity 18%
- 5 - Communication 8%
- 10 - Decision Making 2%

Hard Skills

- 1 - Data Science 11%
- 2 - Computer Science 4%
- 3 - Technology 11%
- 4 - Mathematics 15%
- 5 - Language & Communications 6%



MY ACTIVE LIFE JOURNEY


1 AWARENESS

2 EXPERIENCE

3 CAREER

Students will generate their Cyber Resume and Certificate of Completion

CERTIFIED STUDENT OF THE CYBER EXPERIENCE



Johnny Smith


has satisfactorily fulfilled the requirements established by the NSA DAY OF CYBER Program and has mastered the following:

- Terms and logic used in the Cyber Security Industry •
- Determined the best practices used under an Insider Threat Experience •
- Worked as a team member in the Cyber Operations Center •

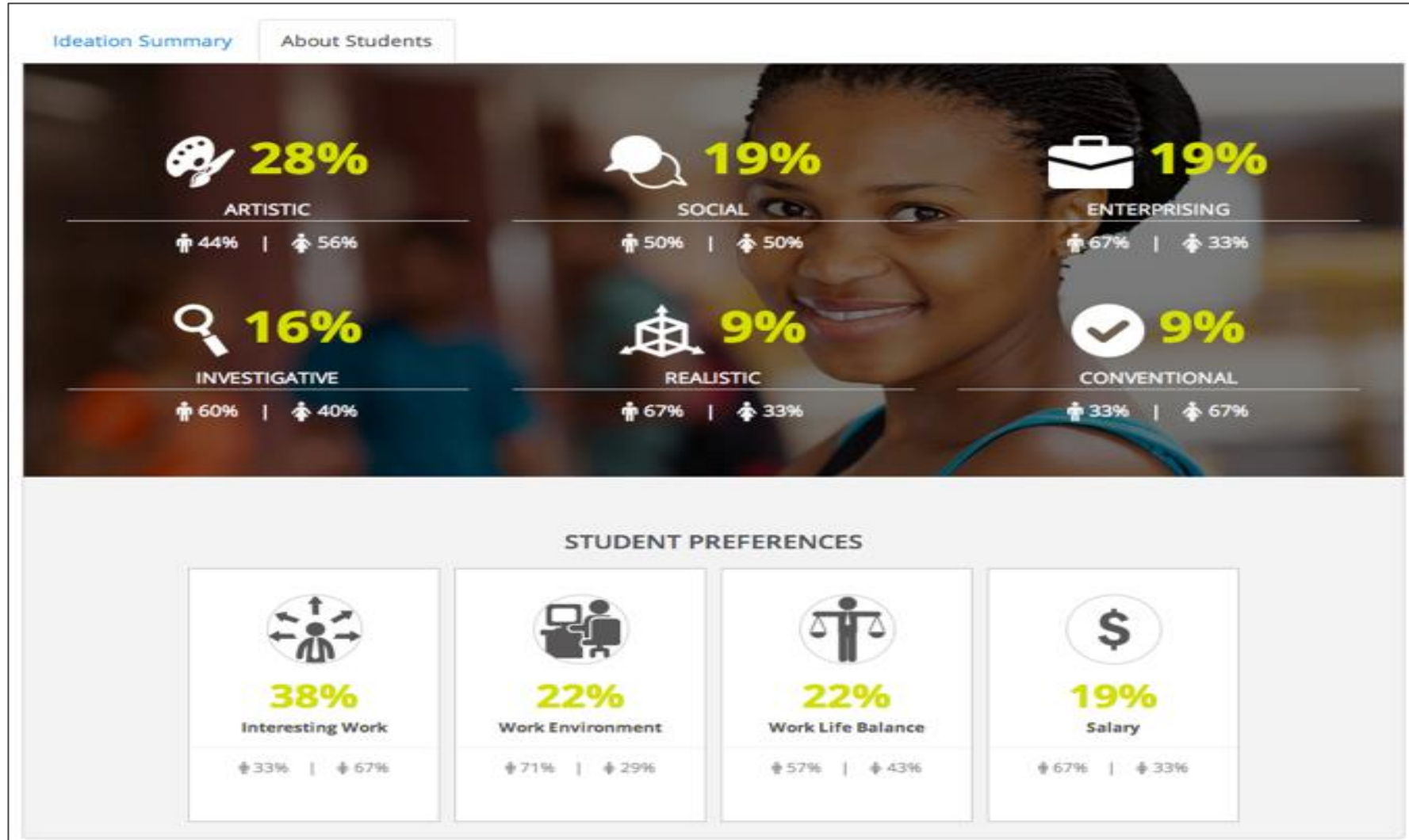
The student completed the program on April 15, 2016 and is awarded this

Certificate of Completion in NSA DAY OF CYBER

Rick Gertz
CEO, LifeJourney



Instructor Reporting



Organization Dashboard



Questions?

NSA Day of Cyber- www.nsadayofcyber.com

Support- support@lifejourney.us

To Learn more Contact Kim Paradise

Kim@LifeJourney.us