





TSheets :: Time Clock x Fwd: Re: State Cup and x GotSoccer x A Huge Ransomware / x Slack | kkweder, mess x Fake Flash Update Targetin x

https://sports-isao.org/site/index.php/2019/07/06/fake-flash-update-targeting-sport



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Powered by: _____

HOME PRO SPORTS AMATEUR SPORTS SPONSORS PROGRAMS BENEFITS OF MEMBERSHIP ABOUT US

BASEBALL BASKETBALL FOOTBALL GOLF ICE HOCKEY SOCCER TENNIS

Fake Flash Update Targeting Sports Fans

By Sports-Reporter on July 6, 2019 · No Comment

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Print Email



THE ELIXIR OF SPORT

FOR CAPACITY BUILDING IN CYBER

WHO WE ARE & HOW THIS BEGAN

- Sports-ISAO: Program Office of Cyber Resilience Institute (CRI)
- CRI: Nonprofit with a mission of building cyber capacity in communities
- ISAO and Pop-up SOC operations began in 2016 to demonstrate a crowdsourced cyber threat and information sharing operation; a key component was an internship of college students

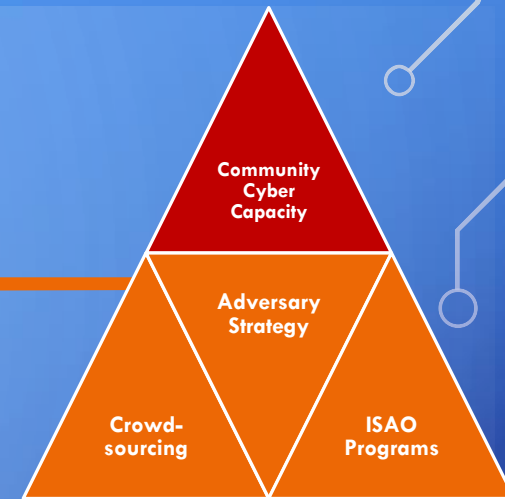
- 2016 → Rio Olympics
- 2017 → IAAF World Championships
- 2018 → Winter Olympics PyeongChang

- 2018 → World Cup Russia
- 2019 → World Cup France

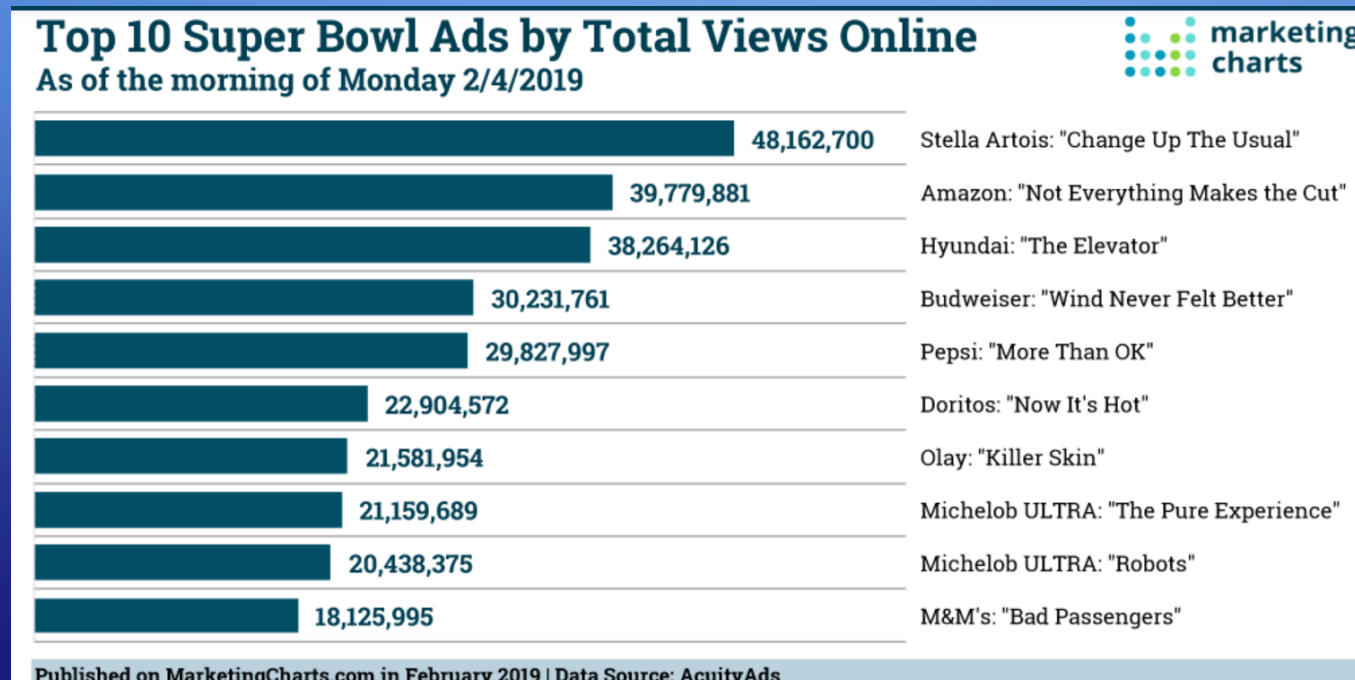
ANALYSTS FOR THE WORKFORCE – A PATHWAY



THE ELIXIR OF SPORT

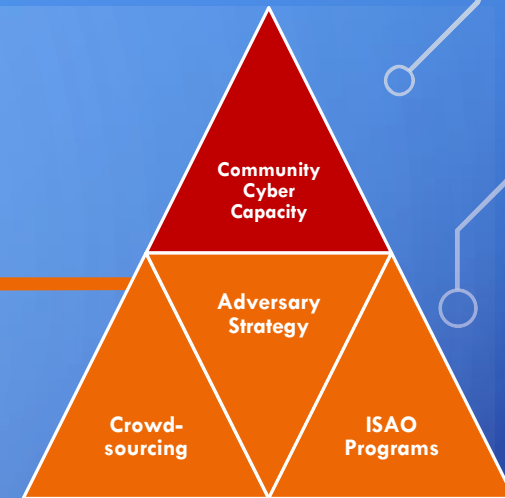


- Students from over 40 universities – the **CrowdWatch**
- First college student club at UCCS
- Adversaries: Proving ground for new variants and TTP



- Total TV ad spend: \$1.5B
- New spend quadrupled: \$548M
- Budweiser: \$33.2M
- Amazon: \$27.5 million

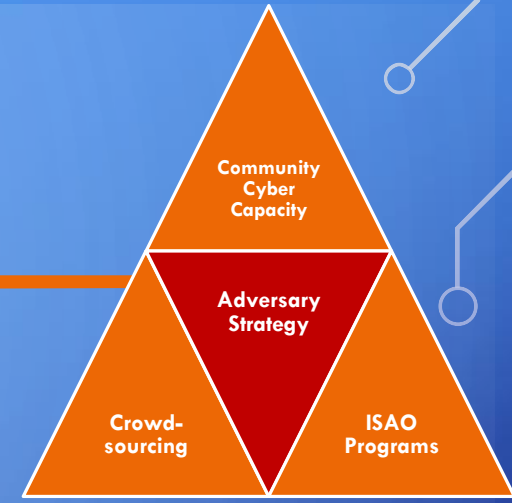
THE ELIXIR OF SPORT



- Magnetism = Demand
- Translation: Workforce

US 'CYBERSECURITY' STRATEGY

- 2009 White House 'Cyberspace' Policy Review
- 2015 DOD Cyber Strategy: "The United States is committed to an open, secure, interoperable, and reliable Internet that enables prosperity, public safety, and the free flow of commerce and ideas."



ADVERSARY STRATEGY AND TACTICS

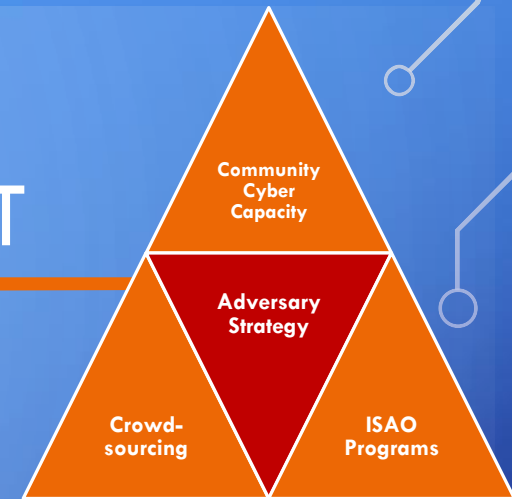


- Mueller Report: “Russia interfered in the 2016 presidential election in sweeping and systematic fashion”
- And China
- And ...

Facebook, Twitter Accuse China of Fueling Hong Kong Disinformation



CYBER INTELLIGENCE – A VIEW FROM SPORT



OLYMPICS SPORTS

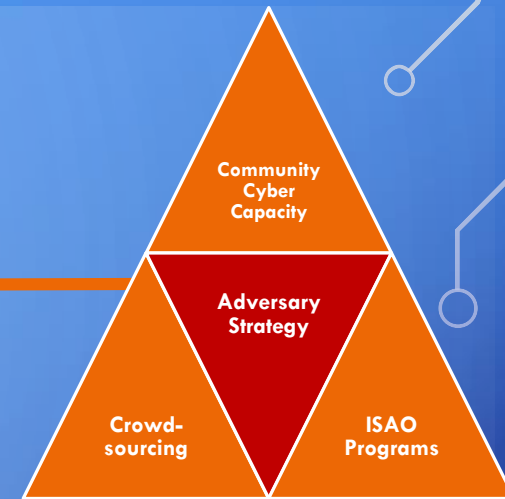
Russian foreign minister: We're banned from Olympics because U.S. 'can't beat us fairly'

By DES BIELER

THE WASHINGTON POST | FEB 12, 2018 | 10:26 AM



INCREASED USE OF CYBER IN STRATEGY



2015 Russian National Security Strategy



“increase the competitiveness and international prestige of the Russian Federation.”

Russian view:
U.S. Doctrine and Strategy are anti-Russian

RUSSIA

The Foundations of Geopolitics: The Geopolitical Future of Russia Aleksandr Dugin

"the maximum task is the 'Finlandization' of all of Europe"

The United Kingdom should be cut off from Europe



Ukraine should be annexed by Russia because "Ukraine as a state has no geopolitical meaning"

"Moscow-Tehran axis": Iran is a key ally

CYBER DISINFORMATION AS STATE-ACTOR STRATEGY

The US narrative: Russia must spread Anti-Americanism everywhere: "the main 'scapegoat' will be precisely the U.S."

In the United States:

- Russia should use its special services within the borders of the United States to fuel instability and separatism, for instance, provoke "Afro-American racists".
- Russia should "introduce geopolitical disorder into internal American activity, encouraging all kinds of separatism and ethnic, social and racial conflicts, actively supporting all dissident movements – extremist, racist, and sectarian groups, thus destabilizing internal political processes in the U.S.
- It would also make sense simultaneously to support isolationist tendencies in American politics."

SOCIAL MEDIA TACTICS



Researchers say there has been a surge in the activity of Twitter bots ahead of Britain's EU referendum on Thursday. They found just one per cent of 300,000 Twitter accounts posting about the referendum were responsible for a third of the activity, indicating they are automated accounts (such as @IVoteLeave pictured)

Bots: One-third of tweets about Brexit came from just 1% of Brexit-related Twitter Accounts

- 54% Leave
- 20% Stay

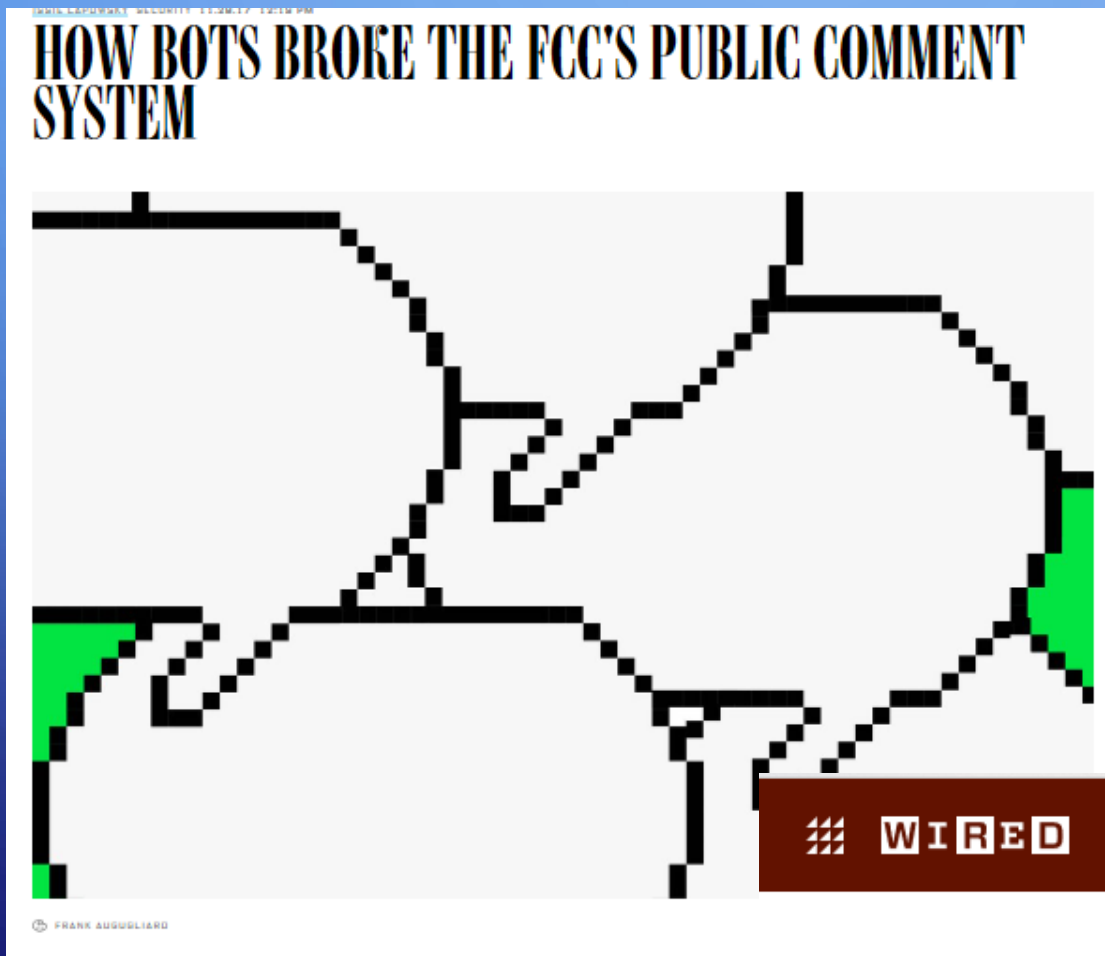
Study: Russian Twitter bots sent 45k Brexit tweets close to vote

Posted Nov 15, 2017 by [Natasha Lomas \(@riptari\)](#)



Next Story

USE OF BOTS



FCC Net Neutrality Vote

Pew Research Center: >Half of comments from duplicate or temporary email addresses

Bots!

A FOCUS ON RUSSIA



Clinton Watts

Russian exploitation of social media

ATTACKING THE PUBLIC-PRIVATE GAP

Russian Internet Research Agency



aka
Troll Farm

St. Petersburg organization

100s of paid Kremlin Backers
having a quota of posts/day

AMPLIFYING THE KREMLIN MESSAGE

www.fancybear.net



Jan 26 media reporting:
Dutch Intelligence monitored
Fancy Bear – identifying the
building and Kremlin-tied
hackers – WHILE DNC hack
was underway!!!

**Dutch intelligence reportedly spied on
Russian 'Cozy Bear' group linked to
DNC hack**

Report claims AIVD warned US officials about the threat



Best Evidence Yet: Fancy Bear is Kremlin Run ←

- hacked cameras and captured video

WHAT DOES IT ALL MEAN?

The cyber landscape has
in just 15 – 20 years

transitioned from web defacement

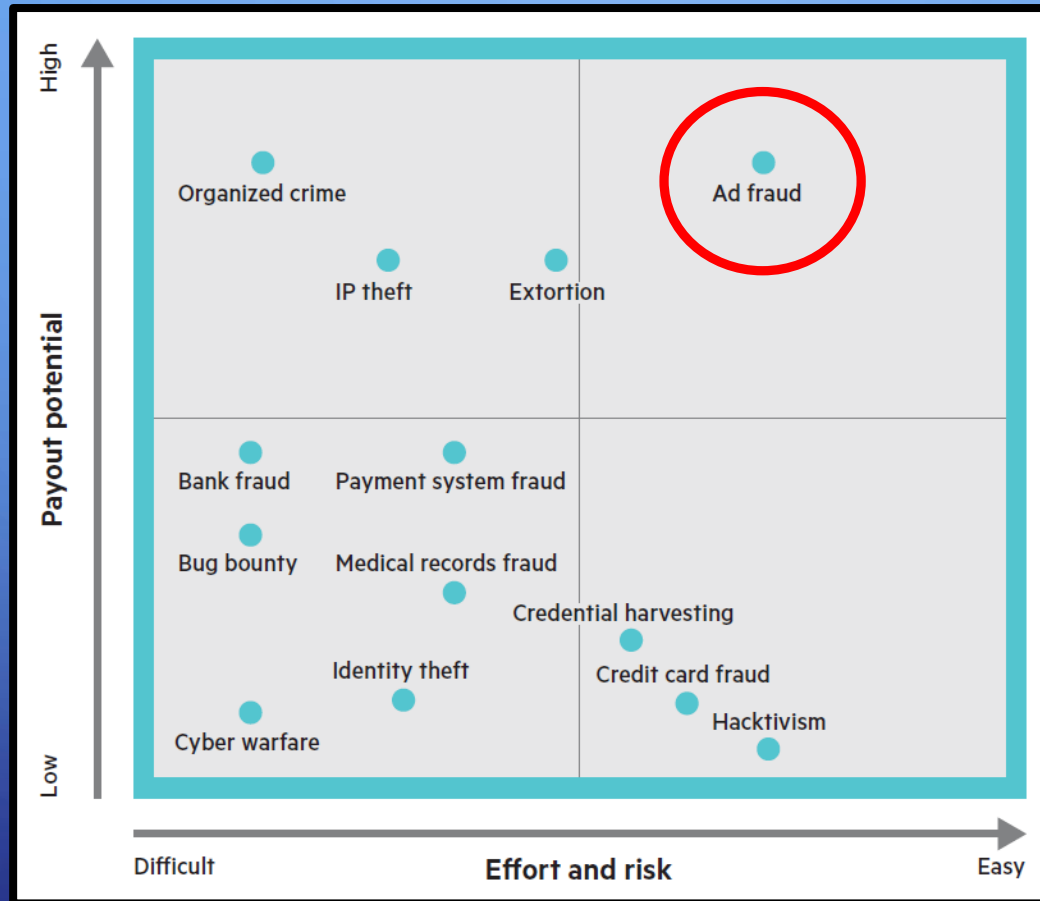
To identity theft and credit card fraud

To permanent presence hacking for longer term exploitation

To state actor attacks on critical infrastructure that threaten public safety

To a state of asymmetric warfare that includes turning open democracies against one another through propaganda messages and distribution platforms

MAKING MONEY FROM SPORTS ADVERTISING



e.g. Methbot

CYBERCRIME ADOPTS SOCIAL MEDIA FOR TTP

Thursday, August 22, 2019

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sports-ISAO

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Look-out For Android Ad Scams

By Sports-Reporter on June 29, 2019 · No Comment

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The Sports-ISAO threat hunting teams have identified a series of Ad Scams that are currently targeting viewers of Women's World Cup 2019 websites. One of the most sophisticated we have run across we are calling StremBot. It is a fraud scheme where the threat actors promote alternative streaming video websites that serve as malware infection vectors for Android mobile devices and Windows-based operating systems.

USA W vs France W live streams
FRRREEEEE

livstrems.cf/2019/06/france...

#FIFAWWC | #FRAUSA
#OneNationOneTeam 🇺🇸
#FRAUSA #USWNT
#USA_vs_France #FRAUSA
#USAvFRA #FRAUSA #USAFRA

🇫🇷 🇺🇸

<https://twitter.com/SkySportsTV4>
Screen Shot 2019-07-07 at 10.50.18 AM.png

sky sports

Tweets 81 | Following 3 | Likes 125 | Follow

Sky Sports TV
@SkySportsTV4

Watch Sports
Dhaka, Bangladesh
Joined June 2019

Tweet to Sky Sports TV

43 Photos and videos

Who to follow

- Followed by Fontenelle Forest: Vanessa Marie @vannamari...
- Followed by Fontenelle Forest: Marni @wimbledonstreams
- Followed by Scott James Kyle: Buckhead Stone Group...

Find people you know
Import your contacts from Gmail

Connect other address books

Tweets Tweets & replies Media

See 1 new Tweet

Sky Sports TV @SkySportsTV4 · 11m
USWNT vs. Netherlands live stream
USA vs Netherlands Live esportsahd.com/ffa/
#USAvNED #USAvNED

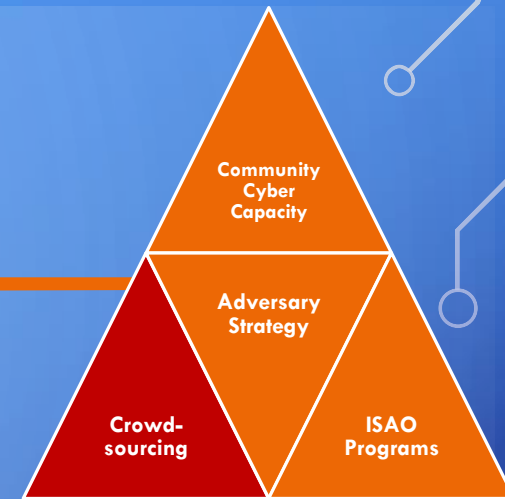
The United States women's national team will play in the 2019 Women's World Cup final when it faces the Netherlands on Sunday

FRANCE 2019 KNVB

Sky Sports TV @SkySportsTV4 · Jul 3
#Wimbledon LIVE 🇬🇧


Wimbledon Championships 2019 Live
LIVE >>> esportsahd.com/wimbledon/

CROWDSOURCING CTI



c-Watch Course

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A hands-on, pre-apprentice program, conducted online and on-demand, that offers licenses and tools to learners for training in threat intelligence, social media intelligence, analysis, and information sharing operations, leading to a live, experiential collection, analysis and sharing operation – the Sports Capstone.

Our 2019 program for the Woman’s World Cup has started: We still have a few more seats. [Apply Now!](#)

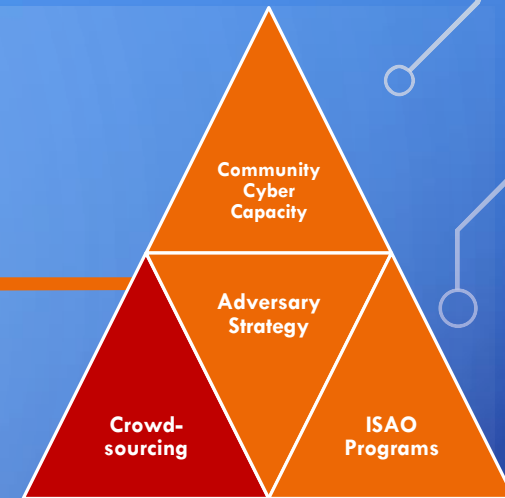
“We work with a team of analysts to hunt for potential cyber threats and share that information with our U.S. and international partners to reduce the potential for attacks and to increase understanding of hacker profiles and activities”

— C. Kolezynski

“Open communication made it possible for all participants to express their thoughts without reservations. You were made to feel valued. This is an excellent way to train and prepare individuals for the cybersecurity industry. The overall experience of working with such a diverse group as well as the challenging problems made for an enlightening and exhilarating experience.”

→ The CrowdWatch network

CROWDWATCH USE CASES



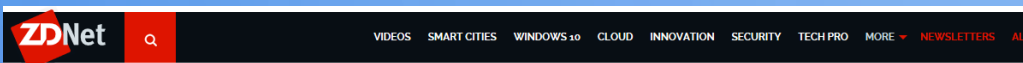
ISAO enabler

Community Workforce Program

Outsourced Analysis



EXPERIENCE REQUIRED



Getting started with a career in cybersecurity

With the ongoing and seemingly never-ending flood of cyberattacks, companies and governments the world over need experienced, skilled professionals to protect, defend, and strike back. But how do you get into the lucrative cybersecurity career? David Gewirtz has some advice.

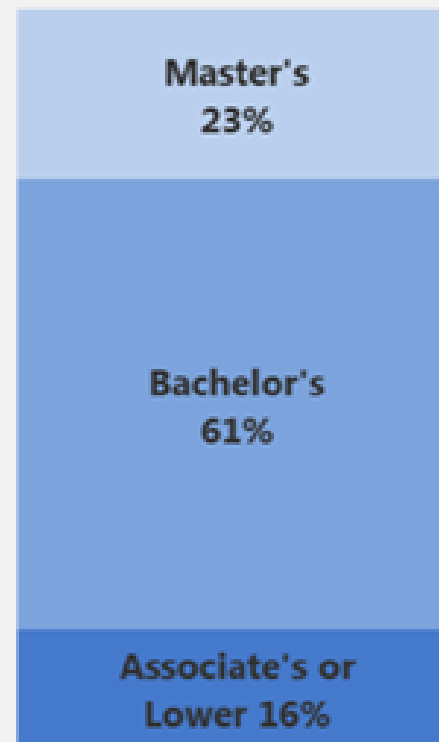
“Cybersecurity (and IT in general) are not the same as computer science. Traditional computer science can be helpful, but it's not the full story.”

But there's also all the knowledge needed about how current systems work, which computer science doesn't necessarily prepare you for.

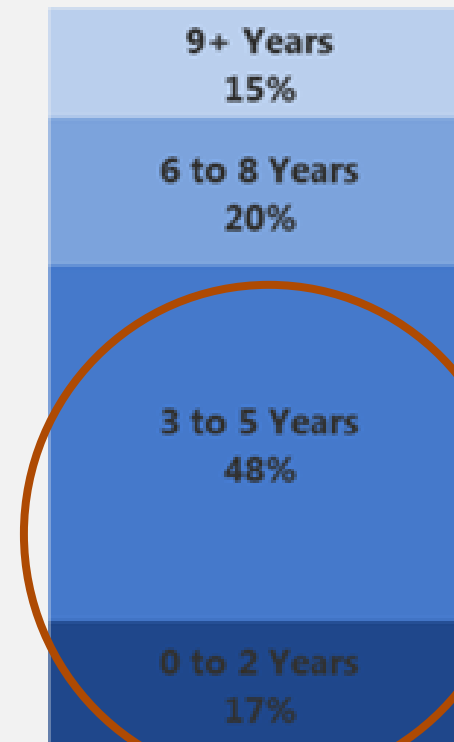
Hiring practice is also all over the map. Generally, cybersecurity jobs (like [this one](#) for a U.S. Navy Cyberwarfare engineer) require 4-year college degrees. Many others require experience and industry standard certifications.

Cybersecurity Postings

Requested Education Level



Minimum Experience

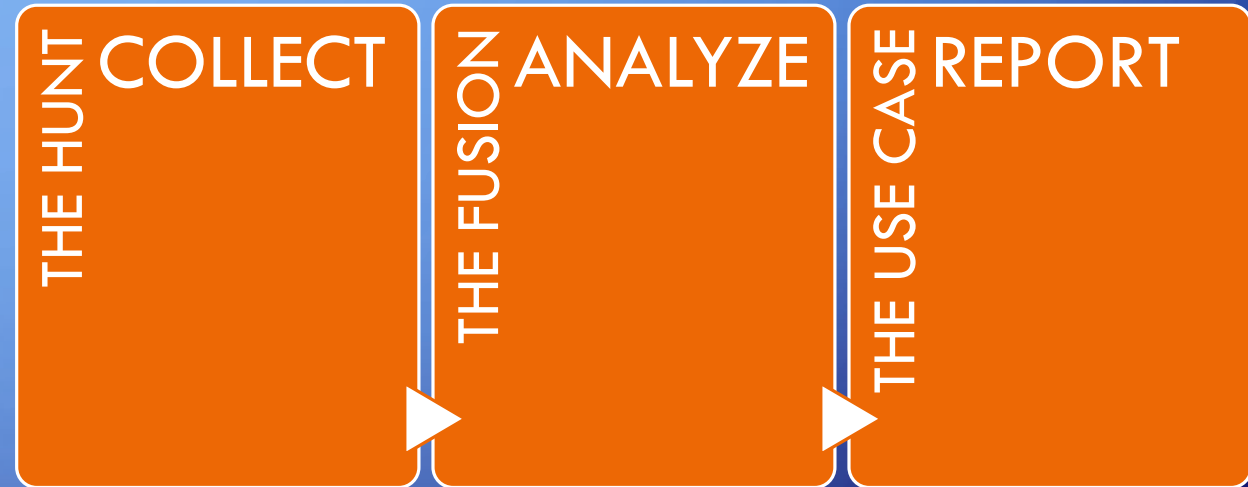


SOURCE: BURNING GLASS TECHNOLOGIES

Watch: FOUNDATIONAL KNOWLEDGE + SKILLS

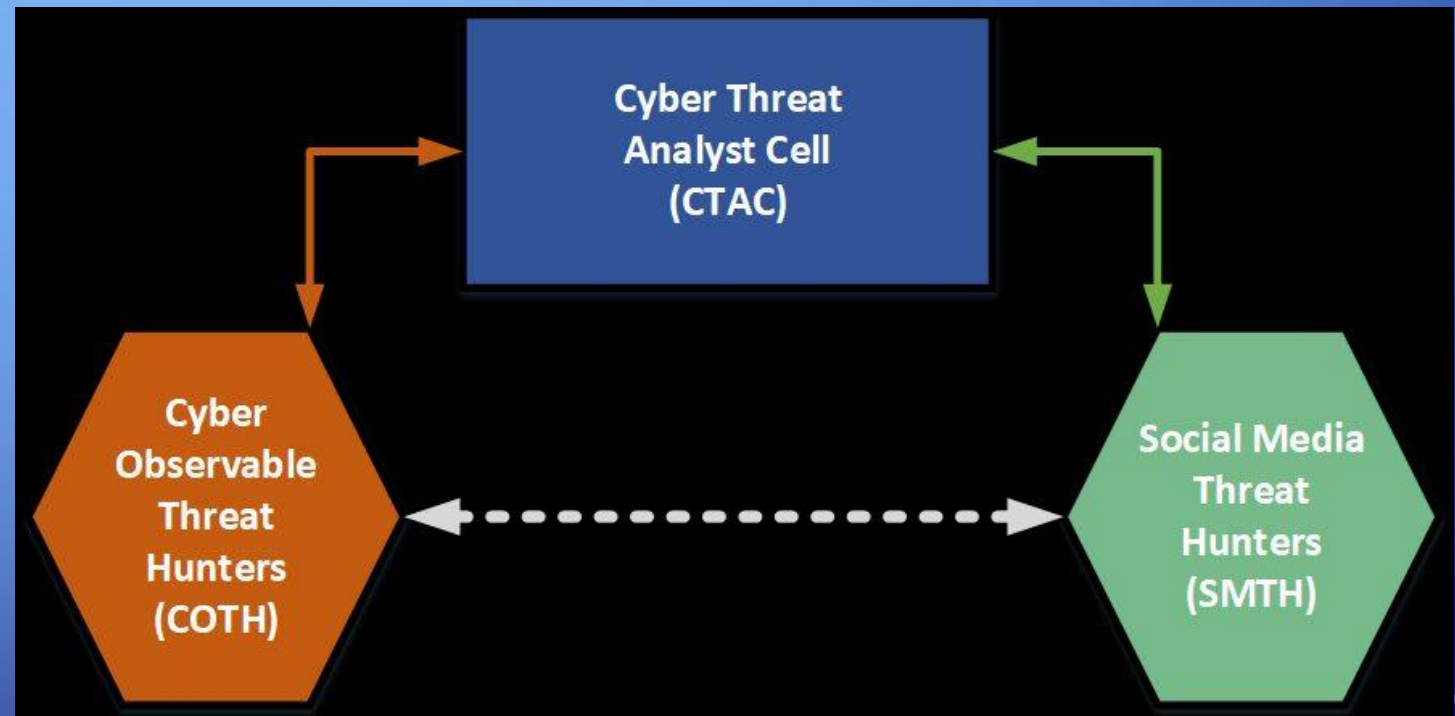
KEY SKILLS & KNOWLEDGE

- ISAOs and national efforts
- Legal & Policy issues in cyber threat intelligence
- Social media intelligence
- Automated cyber threat exchange – STIX/TAXII
- SOC Operations & Collection Management
- Actionable intelligence
- Report Writing




THE EXPERIENTIAL LEARNING COMPONENT

- Three Tracks
- Interdisciplinary Teams
- Mentor Oversight
- Capstone: Major Sport Event



ACHIEVING THE ISAO MISSION

THE CHASM BETWEEN CYBER POLICY ... AND REALITY THE GAP: A BUSINESS MODEL TO MAKE POLICY HAPPEN



the **WHITE HOUSE**

NATIONAL POLICY

Share information ... in as close to real time as possible.

* Executive Order 13691

THE GAP

 **Market** FILLS THE GAP

*We are 100% volunteers.***



**

Quoted from a Community Cyber Program in a major US city

The New York Times

U.S.

A Cyberattack Hobbles Atlanta, and Security Experts Shudder

By ALAN BLINDER and NICOLE PERLROTH | MARCH 27, 2018

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TECH

Facebook Controversy: What to Know About Cambridge Analytica and Your Data

Facebook Inc.'s crisis centers on the company's most precious asset: the personal data of nearly two billion people

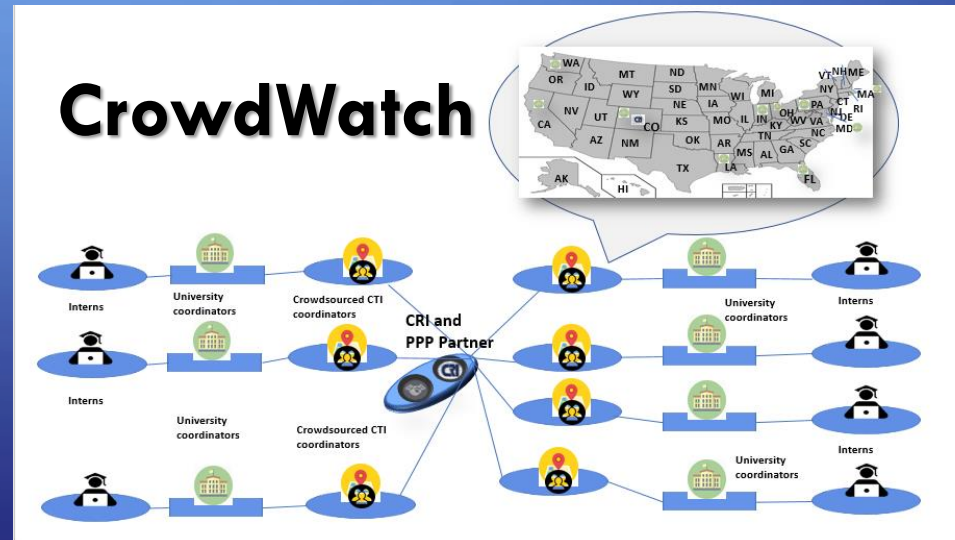
ISAOs are Part of the Solution

CrowdWatch enables ISAO Formation



JOBS, RESEARCH, AND STAFF AUGMENTATION

- PLACEMENT: 2016-19 INTERNS HIRED BY FIREEYE, USIC, SYMANTEC, BLUECOAT, FORENSICS COMPANY IN OHIO, ETC.
- OUTSOURCED RESEARCH AND STAFF AUGMENTATION TALKS: STATE, SPORT GROUPS, DHS
- HSIN SPORTS-ISAO COMMUNITY OF INTEREST
- GRIDEX 2019

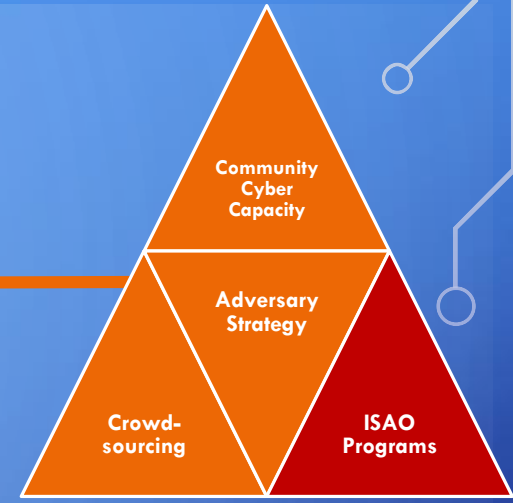


PRIVATE-PUBLIC PARTNERSHIP



“PARTNERSHIP” – WHAT IT MEANS

TOKYO OLYMPICS



C-WATCH ENROLLMENT 2020

STATE DEPARTMENT TIER 1 RESPONSE

EMBASSY REPORTING/FBI CYWATCH/DHS NCCIC

POST-SCRIPT

CALL TO ACTION

- Grassroots petition for Community Cyber Capacity Building
- 20+ signatories so far
- Specific Outcome: to add “Community Cyber Capacity” to the DHS National Critical Function List of the National Risk Management Center

QUESTIONS

www.cyberresilienceinstitute.org

www.sports-isao.org

www.c-market.us

Doug.depeppe@cyberresilienceinstitute.org