



# My Insights of running CTF contests in 7 arab countries

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Moataz Salah, CyberTalents Founder

## About Me

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- 13 years of Experience in Cybersecurity
- Founder of CyberTalents, a platform for running CTFs for cybersecurity talents in order to get hired by recruiters
- Founded the first Cybersecurity conference in Egypt "Cairo Security Camp"

# Problem:

3 Million is the shortage of Cyber security Professionals Today

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Asia Pacific: 2.15 Million



North America: 500,000



Europe, Middle East, Africa : 142,000

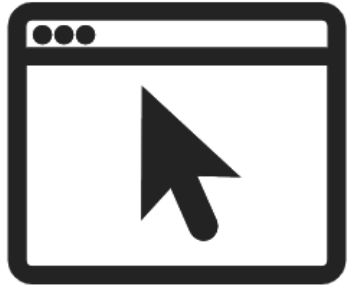


Latin America: 136,000

# Solution

CTF is a very effective way to

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Discover talents



motivate beginners to get  
into Cybersecurity field



Promote and recognize  
talents among their peers



Insights in this presentation are based on the below:

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50+

CTF Contests

9,000

Talents

7

Arab Countries

# CyberTalents CTFs



# CyberTalents CTFs



## Gender

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88%

Males

12%

Females


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Insight 1: Number of women in cybersecurity in Arab countries is less than average similar number in USA and Europe



# Women in Cybersecurity CTF

The 1<sup>ST</sup> Women CyberSecurity Competition in MENA

 15<sup>th</sup> December 2018

 Cairo Security Camp 2018 Conference - Cairo, Egypt

Platinum Sponsors



Hosted by

CSCAMP 2018 | 9<sup>th</sup>  
9 years of sharing knowledge | year

Organized by



## Age

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47.6%

18-24

39.1%

25-34

13.3%

35-44

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Insight 2: Students & Fresh graduates has the highest percentages of talents interested to join CTFs comes next talents till 7 years of experience

## Talent Heat Map by countries

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36%

Egypt

6.5%

UAE

4.5%

Morocco

4%

Oman

???

Saudi Arabia

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2019 Plans

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Insight 3: talents are directly proportional to the number of youth in addition to the activities by the country to promote cybersecurity

## Skills

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1

Web Security

2

Digital Forensics

3

Malware Reverse  
Engineering

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Insight 4: Web security has the highest number of talents adoption compared with Digital Forensics and Malware Analysis

# General Challenges

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Language Barrier



Ethical Behaviour

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Insights 5: Not all talents can work in corporate industry that's why models like bug bounty might be a good model for some talents

## What's Next ?

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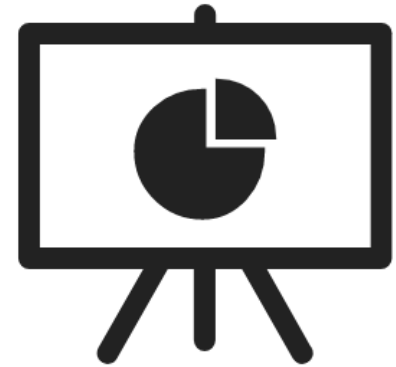
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CTF for schools



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Women in Cybersecurity  
CTFs



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Bootcamps to boost the skills  
of contestants

# Q & A

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