# HackerU

# TEACH A MAN TO F.I.S.H. TRADE INITIATIVE

## In Brief

# SUMMARY

In August 2020, the Teach A Man To F.I.S.H. Initiative was developed by HackerU, the leader of cybersecurity education in Israel, and an established presence within major universities around the world.

It was sent to the Embassy through the Trade Commission and was soon looked at as a Trade Initiative to export Israel's cybersecurity, in a way that Australia's top policymaker on cybersecurity has publicly stated that they want, and in a way that benefits the Australian public the most with no cost to the tax-payer.

## F.I.S.H. Stands For:

*Future*

*In digital*

*Security*

*Human resources*

## The Objectives of Official CyberSecurity Policy Makers

*Directly Quoted In The Report*

◊ **To grow an internationally competitive domestic cybersecurity sector.**

◊ **To attract major cybersecurity conglomerates to Australia, or to expand their presence, creating jobs, and increasing experience and skill levels with employees.**

◊ **To increase the amount of venture capital firms specializing in tech, bolstering the startup scene.**

◊ **And to make all of this possible, AGGRESSIVELY ADDRESS THE SKILLS GAP AND SEVERE WORKER SHORTAGE IN AUSTRALIA**

# After reviewing many policymaker reports, ministry reports, and private industry reports, HackerU found the following

## Australia has a cybersecurity problem

The economy has lost billions, and these numbers are the incidents reported. The impact may be much more severe. While Australian consumers are much less likely to shop online if there are security concerns, the rest of the world is as well. The high cost of hiring skilled workers fin cybersecurity can put all of Australia's online ecosystem at a disadvantage with its international counterparts.

## Australia has a worker shortage

Even if Australia implements all the recommendations, there will still be a skilled worker shortage. The last measurement found in the report, was Australia was producing 500 skilled cybersecurity professionals per year. In contrast, HackerU produces 7000 - In Israel alone

## Australia has a skills gap

According to the Employer Satisfaction Survey, meant to measure the success of the practical application of education of recent graduates, Satisfaction in the IT sector has decreased across the board from 2017 - 2019.

## Australia has strict regulations in education

While the Australian Education System is arguably the best and certainly most organized in the world, regulatory oversight, while very much needed, can be an impediment in a fast-moving, constantly changing environment. The industry standard for hands-on cyber-security skills may need to be altered faster than regulators can review and approve the changes.

## How does HackerU answer these challenges

HackerU has both offensive and defensive programs.

HackerU prepares students for internationally recognized proficiency exams such as the CE-H and OSCP

HackerU is an educational institution specializing in cyber-security.

It has been training students in Israel for decades and had directly contributed to Israel's status as the leader in cybersecurity innovation.

Driven by Israel's unique security situation, Australia can expect the highest level of skill in graduates, in the shortest period of time.

# How does HackerU answer these challenges

## Industry Answers

HackerU has a division dedicated to cybersecurity development. HackerU offers its graduates a job guarantee (where applicable) and HackerU will employ its own graduates when appropriate. The Addition of HackerU brings with it immediate industry.

## Skills Gap Answers

HackerU has developed unique, proprietary technology, which simulates real-world scenarios for defensive and offensive training. The development costs are in the millions, and it takes significant financial overhead to maintain.

## Worker Shortage Answers

HackerU accepts students based on aptitude, with no prior knowledge of the industry or even IT-related fields required. This vastly expands the pool of potential future cybersecurity professionals.

## Regulatory Answers

HackerU plans on working closely with Regulators to assess the missing skills being taught in Australia's VET sector and provide the same level of expertise that HackerU has been

"*The Fish Initiative Is A Proposal To Export The Means Of Production Of Israel's Cybersecurity Success, Rather Than Just The Fruits Of It.*

*For Cybersecurity, the means of production is Human Resources*

- Jesse Miller - Head Of International Development & Government relations, HackerU

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