[Eitan Hetzroni]

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Professional Profile	Cyber Vulnerability & Security Researcher, with over 4 years of on-job experience in IDF's elite technologic unit, and 1 ½ years of hands-on experience as a lead researcher in the industry at Convexum.

Experience

Aug 2018 - present - Embedded cyber security researcher
Convexum(https://www.linkedin.com/company/convexum)
lead researcher in convexum, a counter-drone startup company, responsible solely for the entire research process of popular drones, by reverse engineering entire drone eco-systems(RC,UAV and internal OS), in order to achieve drone detection as well as mitigation(via vulnerabilities as well as protocol manipulation) - and by so - intercept potentially malicious drones. With proven mitigation over several popular drones, in a vast range of communication methods added successfully to the product.

2018 - Reverse Engineering Instructor & Commander
ıram 19(0x13), 8200, IDF
Commander in IDF's Elite Cyber and research Course, solely responsible for the instruction of Research and Reverse Engineering (as well as networking and protocols) to over 40 soldiers.

2015 – 2018 - Vulnerability & Security Researcher
Elite intelligence unit, IDF
Leading vulnerability & security researcher in an elite team of 4 researchers, involved in a vast range of researches varying in levels of complication and type.

2014 – 2015 - Cyber Security Researcher and Developer
Elite intelligence unit, IDF
Active team member, responsible for contemplating as well as R&D of a large-scaled operational low-level dev project. Involved in researching of exploitation over protocols as well as generic mail servers, web servers and firewall behavior.

Skills   **Research**
  −   Web security research
  −   Protocol research
  −   Reverse engineering (Ida, windbg, gdb) of windows and embedded binaries.
        o   architectures: x64, x86(intel), arm
  −   Android application research
  −   Protocol research
  −   High & Low level vulnerability research (c++, c, perl, ruby, python, c#, java, php,)

Development

- C++
- Python
- C
- php
- Js
- c#/Java

Interpersonal

*A highly motivated and dedicated researche*r – willing to work long hours to achieve the goal.

Great interpersonal skills – worked proficiently and pleasantly with several partners inside and outside the unit and army.

Management and instruction skills – as a course commander – was highly involved in the interdisciplinar technologic education of over 40 soldiers in the field of research and Reverse engineering.

Honors and Awards

ELITE INTELLIGENCE UNIT, IDF | 2016
Award of excellence for outstanding performance from the Head of Department.

Education and training

BSC COMPUTER SCIENCE | 2016 - PRESENT | THE OPEN UNIVERSITY OF ISRAEL
Began studying mathematical courses in parallel to the army service.

ELITE CYBER SECURITY INTELLIGENCE PROGRAM | 2014 | IDF
Silan 11, IDF
Top level cyber course which tests its candidates with comprehensive tasks that require fast learning, qualifying its graduates to serve as security researchers in the Israeli Intelligence Community.

FULL MATRICULATION | 2011 - 2013 | Handasaim High School Herzliya
- 5 Units Computer Science
- 5 Units Physics
- 5 Units Engineering Science.

Additional information

Languages
Hebrew & English - Native tongue

HIGHEST MILITARY RANK
Non Commissioned Officer - Staff Sergeant

Citizenships
- Israeli citizenship
- Canadian citizenship