

# Ben Barnea

## Security Researcher

Givat Shmuel, Israel | +972544835847 | [ben@barnea.com](mailto:ben@barnea.com)  
[inlinkedin.com/in/ben-barnea](https://www.linkedin.com/in/ben-barnea)

## Work experience

### Security Researcher

9/2018 - present

Vdoo Connected Trust Ltd.

- Vulnerability research across multiple operating systems and architectures
- Researched IoT and embedded firmwares
- Implemented fuzzers for specific projects
- Developed analysis tools using IDA Python and Ghidra

### Software Engineer

1/2017 - 8/2018

IDF – Intelligence unit 8200

- Developed responsive web applications with Angular 4, Bootstrap, Node.js, MongoDB and SQL Server
- Took part in projects design, testing, and deployment to Azure

### Security Researcher

12/2015 - 1/2017

IDF – Intelligence unit 8200

- Experience in Reverse Engineering and Vulnerability Research
- Solved Low-level challenges
- Enrolled in a Windows Internals course

### Security Researcher

10/2014 – 12/2015

ClearSky Cyber Security

- Performed Malware Analysis and Penetration Testing
- Researching attackers' infrastructure and attacking methods
- Building a system to catch attackers' infrastructure.

## Education

B.Sc. In Computer Science

2019 - present

The Open University

Aram Course

IDF – Intelligence Unit

2015

IDF's most prestigious computer security course.

Computer Science and Cyber Security

2011 – 2015

Ohel Shem

I developed projects in the fields of Network Security and Operating Systems.

## Summary

**Security Researcher**, currently working in Vdoo. An Aram course graduate.

Experience in **Reverse Engineering, Vulnerability Research**, Firmware analysis, Windows internals, Linux, Malware Analysis, Networking, Security, Penetration Testing and Development.

I am **self-motivated learner** with **excellent interpersonal skills** and **creative problem solver**.

I am a technology enthusiast - always looking for the next new challenge.

## Skills

- Proficiency in **x86/x64 and ARM Assembly, C and Python**
- Familiar with **C++ and MIPS, PowerPC**
- Extensive knowledge in **Vulnerability Research, Networking and Security**
- Self-educated person
- Motivated, challenge-driven with a vast knowledge in any aspect of modern technologies

## Languages

- **Hebrew**: Native
- **English**: Fluent