

# Tamar Cohen

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Nesher 2  
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## Profile

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A highly ambitious and experienced software engineer. Researcher in the field of algorithms and communication protocols. Self-motivated, top technical skills in many programming disciplines. Good interpersonal skills and ability to work in groups.

## Skills

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- C/C++/Python
- Linux
- OpenStack, VPP, FRR
- Networking, TCP/IP, Multicast, GRE
- RADAR mechanism

## Education

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- 09/12-09/17 Ben Gurion University, Beer Sheva**  
Degree: MSc with High Honors in Communication System Engineering
- 09/08-09/12 Ben Gurion University, Beer Sheva**  
Degree: BSc in Communication System Engineering.

## Employment History

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**2/2020 - present RT Embedded SW Engineer at Sigmabit, Beer Sheva, Reder Team**

- Design and development of SW in RADAR platform.
- Programming an efficient code on DSP.
- Planning OOP project from scratch. Fixing the code to best performance.
- Deep knowledge in RADAR processing system and calculations.

**12/2016-1/2020 Software Engineer at RAD, Beer Sheva, NFV Team**

- Design and development of a notification system for port Ethernet with extensive use of Messages Queue.
- Design and development of multithreaded and multi processed application for carrier Ethernet .
- Design development and deep research of Multicast and GRE protocols .
- Design and development of Linux based VNFs (Virtual Network Functions) over KVM.

**09/12-09/17 Internal Master Degree in Communication System Engineering**

- **First seminar paper:** Developing a parallel algorithm for a serial algorithm for accelerating computation times - programming language is CUDA on NVidia platforms.
- **Second seminar paper:** Widely used by neural network with deep learning to create fast and high quality video compression - programming language is MATHLAB

**09/11-09/15 Teaching Assistant Communication System Engineering Department**

- Frontal teaching of Computer architecture and Embedded systems.

**09/04-09/06 Two years of national service**

## Other information

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- Languages: Hebrew - native; English – Excellent;