

# Guy Fried

Embedded-Linux Software Engineer

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[GitHub](#) | [Linkedin](#)

## Occupational Experience:

2019-currently

### Embedded Software Engineer

Titan - Automotive solution

Development communication devices(cellular and CV2X) for the automotive industry.

- Software R&D linux team.
- Set up a new product - New CV2X linux based product. Adopt development process(based on Yocto-Bitbake), kernel(device tree), drivers(SD card, SPI, i2c).
- Development Python scripts for parsing binary logs and save the data to Database using SQL query.
- Testing and integrating ITS stack on top of the v2x system.
- Development system-analyzer aimed to improve remote-debugging and maintenance, using C and Python. Collect data from kernel and user space. The application includes GUI writing with Python(PySide2).

## Skills

Os -programming , OOP , multi-threads systems, computer network, iot cloud system, Yocto.

## Software languages

C, C++, Python, Shell(basic), SQL(basic).

## Education

2017-2018

### Software Development Course

Infinty Labs R&D

Extensive hands-on course in the fields relating to real-time embedded.

**final project:** cloud system based on IOTs devices using C++.

2013-2017

### B.Sc: Industrial Engineering & Management.

specialties in Information Systems.

Lev Academic center

grade average: 91.06

## Languages

Hebrew as mother tongue and very good English.

