

# Sergey Yefremov

Looking for a job - Python Backend Developer

## Contact Information

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Github: [https://github.com/lc7/GDi\\_Tracker](https://github.com/lc7/GDi_Tracker)

## Technical skills

- Programming languages: Python
- Frameworks: Django
- Databases: SQL
- Platforms: Ubuntu

## Education

- Master's degree in technical science, NTUU KPI, Faculty of Electronics (2009 – 2012).
- Bachelor's degree in technical science, NTUU KPI, Faculty of Electronics (2005 – 2009).

## Professional Experience

### Python developer, Freelance, Kyiv, Odessa 04/2022 – Present

Solved >300 of the practical tasks on Python and passed the online course "Programming on Python 3" through the Shultais Education Company. The course won first place in the international competition "EdCrunch Award" in the programming category in the 2020 year.

I solve tasks on the Leetcode and the Codewars websites.

I study the books "Learning Python" (Eric Matiz), "Learning Python" (Mark Lutz), and "Impractical Python" (Lee Vaughan).

Solved 261 practical tasks on SQL and passed the online course "Basic SQL" through the Shultais Education company. The course won first place in the international competition "EdCrunch Award" in the programming category in the 2019 year.

Passed the online course "Introduction to Django 3" through the Shultais Education company.

I'm learning to program two people.

Most of my practical tasks are published here: [https://t.me/python\\_django\\_sql](https://t.me/python_django_sql)

### Technologies:

Python, SQL, Django, PyCharm, HeidiSQL

### Founder of the project, developer of the GPS monitoring system, Kyiv, Odessa, Zagreb, 09/2011 – Present

Developed GPS tracking devices such as trackers "GDi\_Tracker," fuel sensors "GDi\_Sensor," and gas station indicators, and produced over 27,000 devices for Ukrainian and European enterprises. In particular, for JSC "Motor Sich", "GDi Systems" LLC, PJSC "VF Ukraine", PJSC "Rise-Maximko".

### Technologies:

C, Keil, Altium, SQL, STM32F103RCT6, STM32F303VCT6, PIC8, C8051F975-A-GM, FDC1004DSCT

### Leading engineer, State Enterprise "Micro Devices Research Institute" of the NAS of Ukraine, Kyiv, 07/2010 – 06/2011

Developed a dosimeter for  $\alpha$ -,  $\beta$ -,  $\gamma$ -, UV radiation. Increased the efficiency of a serial  $\alpha$ -,  $\beta$ -,  $\gamma$ -Si-SiO<sub>2</sub> detector by 40% due to the development of a lattice-shaped anode. I applied the little-studied Ni-n-ZnSe(Te) structure in the UV detector, obtained a high efficiency in C range. The detectors received utility model status in state patent bureau.