

Igor Cherniakov

Python Backend Developer



Saint- Petersburg, 195220



+79213779917



gendalf.grey2014@yandex.ru

*What is python in brief? Programming language with best import module-
import good_cv..*

Pythoneer, Software Engineer Intern dedicated to improving skills through hands-on learning and development work. Proficient in mobile and desktop development environments. Team player with strong communication and analytical skills who is well-organized, reliable, and collaborative.



Skills



Python

●●●●●
Good



Django

●●●●●
Good



Flask

●●●●●
Average



FastApi

●●●●●
Average



Postgresql

●●●●●
Good



Kafka

●●●●●
Average



ElasticSearch

●●●●●
Average



Redis

●●●●●
Good



Docker

●●●●●
Good



Github

●●●●●
Good



Work History



Chief Technical Officer

Zenner Gmbh Saint- Petersburg, Saint- Petersburg

- **Designed and developed application scripts for test scenarios.**
- **Worked independently to design, develop and test code.**

2021-01 - Current

- Maintained a deep understanding of all the most important and up-to-date technologies, platforms, and trends.
- Explained technical information in simple terms so that non-technical users could understand it better.
- Maintained thorough understanding of all key and current technologies, platforms and trends.
- **2021** - wrote an application on **Django +Postgresql+ Bootstrap4** a data telemetry from state institutions water meters of St. Petersburg Kalininsky district (*needs full code refactoring*).
- **2022** - moved telemetry app from **heroku** to yandex cloud with **docker+nginx+gunicorn**.
- **2022** - have completed the course in **python middle backend development at Yandex's Practicum**. Experimented with **flask, fastapi, elasticsearch, clickhouse, kafka, redis**.

2015-01 - 2020-12

Engineer/Chief Engineer

Zenner GMBH, Saint- Petersburg

- Established procedures for corrective and preventive maintenance.
- Managed project documents, blueprints and specifications.
- Worked independently to design, develop and test code.
- **2016** - wrote **CLI Python** telemetry application heat meters requester using MBUS protocol with final save in Excel
- **2017** - wrote **GUI PyQt5+Sqlite** application polling heat meters using MBUS protocol with archive and excel reports, requesting system was implemented with user-editable schedule, license was issued to user as a file with an encrypted key.
- **2018-19** learned about django:
- web application for testing Lorawan protocol on new type heat meters and water meters: **Django+ Sqlite+ Bootstrap**
- web application for verifying heat allocators using Lorawan protocol: Django+ Sqlite+ Bootstrap.

2011-07 - 2014-12

Project Coordinator/Engineer

Zenner GMBH, Saint- Petersburg

- Supervised 18 projects from project start through delivery by prioritizing needs and delegating assignments. (tenders for installation of engineering networks, commissioning of fire systems, repair of premises on the territories of state institutions)
- Interpreted blueprints and technical drawings to analyze upcoming projects.
- **2013** - took American courses **udacity.com : web scraper with Python**.
- **2014** - made a script with python+selenium to cheat website visits), and then began to use python at work (spy_screener for fixing work of employees, for example).

2010-09 - 2010-12

Trainee Engineer

FERRITE-DOMEN Factory, Saint-Petersburg

- Maintained contemporary technical knowledge of engineering concepts.
- Collaborated with senior engineers on large projects.
- Assisted with coordination of new equipment installation and implementation.
- **Graduated with master degree in "Technical physics"**

2022-03 - 2022-10

2021-06 - 2021-10

2013-06 - 2013-08

2005-09 - 2011-05

1999-09 - 2005-06



Education



Python Backend Middle Grade Developer

Yandex Practicum - World Wide Web



Student: Generation Python. Starter And Advanced Courses

Stepik.org - <https://stepik.org/>



Student: Web Scraper With Python

Udacity Python Start Web Course - <https://www.udacity.com>



Master of Science: Technical Physics

Saint- Petersburg Polytechnic University - Saint- Petersburg

- Elder student



High School Diploma

Gymnasium №524. Physics And Mathematics Class - Saint- Petersburg



Languages



English

●●●●●
Good



Russian

●●●●●
Excellent



Hobbies



Raspberry Pi + Arduino pet_projects,

- smart greenhouse

- data telemetry scripts for meters data transfer to energy companies
automatisation .

Sports and Travel

- hiking



github



<https://github.com/pychik>

- Best python practice from my own perspective

https://github.com/pychik/lightning_py