Sergiy Ponomarenko

Python Developer

- 📞 +380 93 563 29 53
- @ sergiy.ponomarenko@gmail.com
- ✈ Telegram
- 🌐 https://sergiokapone.github.io
- in linkedin
- ⚙ github
- ✉ Kyiv, Ukraine

Hard Skills

- Python
- Django
- Flask
- Jinja2
- FastAPI
- SQLAlchemy / Alembic
- Redis
- MongoDB / PostgreSQL
- PostgreSQL
- JavaScript
- HTML / CSS / Bootstrap
- Git
- Linux
- Docker
- LaTeX

Soft Skills

- Punctuality
- Result orientation
- Attentive to details
- Stress Tollerance

Languages

- English (Intermediate)
- Ukrainian (Native)

Summary

I am a physicist with a doctoral degree in physics of polymers. I have teaching experience and a passion for programming.

My research and teaching background has allowed me to utilize programming, especially Python, for automating routine tasks, analyzing and processing complex data, visualizing physical phenomena, and modeling physical processes.

I always strive to improve my skills and explore new technologies. I enjoy working in the areas of data analysis, modeling of physical systems and processes, and software development for scientific and engineering tasks.

Projects

Console Assistant (Team Project)   2023

Console Assistant is a `python` 3.x-based command-line program that allows you to manage your contacts and notes, sort files in a folder by category and delete file copies.

Technologies: Python Core

Project link on Github

REAST API on FastAPI   2023

Implement a REST API to store and manage contacts using FastAPI and use SQLAlchemy to manage the database.

Technologies: FastAPI, SQLAlchemy, alembic, pytest, unittest, SQL database (elephant), redis, docker, deploy.

Project link on Github

Site of Quotes on Django   2023

Django implementation of the analog of the Quotes to Scrape website.

Technologies: Django, SQL database (render.com), redis, docker, deploy.

Project link on Github

Working Experience

Company: Igor Sikorsky Kyiv Polytechnic Institute, Department of Applied Physics   2013 - now

Position: Associate Professor of Applied Physics

Responsibilities: Teaching: Developing and conducting lectures, seminars and practical classes in various courses of applied physics. Research activity: Conducting scientific research in the field of applied physics. Publication of research results in scientific journals. Participation in conferences and symposia.

Education

GoIT Global. Graduated the Python Developer course.   2023
IMS NAS of Ukraine, PhD in Polymer Physics   2001 – 2005
Mykolaiv State University, Masters Degree in Physics   1995 – 2001

Achivements

IT Tools for Teachers, Global Logic Education (Certificate)   July 2023
Python: basics and applications, Stepik (Certificate)   2023
Math and Python Workshop, Stepik (Certificate)   2022
Good, good Python, Stepik (Certificate)   2021