

YAROSLAV KOVAL



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### OBJECTIVE

My name is Yaroslav, I'm 17 years old. I was born in Ukraine. From 2016 till 2022 I am working and studying in IT-technologies.

Now I am in Poland and want to find a job in IT.

I am responsible, concentrate, fast to study, tolerant human.

If you need effective and quality persone I am sure you that you wood like to work with me on team.

### SKILLS

I have skills in back-end, Python, vanilla - JS, CSS, HTML, HTTP-protocol. Frameworks - Flask or Django and etc REST API.

I have skills in web scraping and a high level of understanding of the structure of web pages. Understanding of data serialization, mainly JSON.

### EXPERIENCE

#### JOB TITLE/COMPANY

I am studying myself, I have my own projects you can checking them by link under the text.

[github.com/koval01](https://github.com/koval01)

### EDUCATION

#### DEGREE OR QUALIFICATION/DATE EARNED

I had finished school in Ukraine and I had finished technical college in Ukraine. i will study in Poland in IT-course.

Udemy course:

[udemy-flask.koval.page](https://www.udemy.com/course/udemy-flask-koval/page)

### LANGUAGES

Native speak Ukrainian and Russia. Basic reading and understand English



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## PROJECTS

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**Project Q-Writer.** Q-Writer a newspaper website automated news feed, which forms a new selection of news. Built with using this py-libs: Django3, psycopg2 (for PostgreSQL), cryptography (for generating request tokens), BeautifulSoup4 (for parsing data from other web-sources), Telethon (taking data from Telegram-channels).

The link to this project: [github.com/koval01/qwriter](https://github.com/koval01/qwriter)

**Project AWARE.** AWARE is a search engine that focuses on user privacy (like my own DuckDuckGo counterpart), instead of the Bing API I used the Google Search API and parsers from other sources.

To provide hints when typing a search query - I also used the API, but in its unofficial implementation ([link.koval.page/GEMClrJzXY](https://link.koval.page/GEMClrJzXY)). I also planned to combine Q-Writer with this project, create a news tab, but it did not come to fruition due to personal issues. Also, in addition to the search, additional options are implemented: weather, calculator, covid-statistics, whois by domains, wikipedia. Another site has its own mini-advertising system (banners and text inserts in search engines). Finally, the site still has a system of forbidden words to search.

Built with using py-libs: Django3, psycopg2, pydantic (data-models), Pillow (editing and building previews), youtube-dl (extract direct video-link for display in search results).

The link to this project: [github.com/koval01/aware\\_site](https://github.com/koval01/aware_site)

**OKX Spot Viewer.** Observer for spots on OKX, I became interested in trading on OKX and a few days later decided that I needed to write a spot viewer. Initially, it was a primitive page that only outputs data through the API. Later I started to bring it to production. Create a design by removing confidential data and expanding the functionality of the frontend. ([github.com/koval01/okex\\_monitor](https://github.com/koval01/okex_monitor)). Built with using this py-libs: Flask, Flask-SocketIO, pydantic.

The link to this project: [github.com/koval01/okex\\_spot\\_viewer](https://github.com/koval01/okex_spot_viewer)

**Back-end for messenger (HTTP).** I wanted to create my own messenger, but I didn't finish it, and I wanted to use blockchain to protect my data. I abandoned the project because even launching it takes a lot of money (by my standards). I'm attaching it here just to show off my Python code and my own API writing skills. Built with using this py-libs: Flask, Flask-Restful, psycopg2.

The link to this project: [github.com/koval01/messenger-backend](https://github.com/koval01/messenger-backend)

**Coiner (entertainment Telegram Bot, Full async).** I'm also attaching this project to showcase more of my code. I created this bot in a few days, its main function is to entertain people in groups. They can accumulate items and virtual currency - competing with someone more (on a global list or a list in a group). Built with using this py-libs: aiogram (async lib for Telegram BOT API), aiосchedule (async schedules for Python), psycopg2.

The link to this project: [github.com/koval01/coiner](https://github.com/koval01/coiner)