**KUZMICH ALEXEI**

**PYTHON DEVELOPER**

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| **Programming Languages** | SQL, Python |
| **Operating Systems** | Windows |
| **Database** | SQLite |
| **Tools and Technologies** | DB Browser(SQLite), Google Sheet, JetBrains PyCharm |

**PROFESSIONAL EXPERIENCE**

**The third year of university**

Basic knowledge of neural networks (activation functions, optimization, early stopping, data normalization, back propagation, Keras). I want to link cryptocurrency metrics (which I read using the api and create a csv file (pandas)) and create a neural network

**The second year of university**

Basic knowledge of neural networks (activation functions, optimization, back propagation, Keras). I want to link cryptocurrency metrics (which I read using the api and create a csv file (pandas)) and create a neural network

GUI for preparing for an interview

GUI written on the Custom Tkinter framework "for preparing for the interview".

The user opens the application; passes through the logging system to work with it; a choice of programming languages is available for him to be tested; then he can choose the topic on which the questions will be selected; after that he proceeds to the test, to which the answer options and explanations are given (if the question is answered incorrectly).

The application is implemented using classes, where each stage corresponds to a class. Such design patterns as: State Machine, Singleton, Factory were used for implementation. All test data (languages, chapters, questions, explanations) are stored in the SQLite database.

* Custom Tkinter.
* SQLite.
* State Machine, Singleton, Factory.

Telegram bot for sending reminders about classes

A telegram bot that sends reminders to students about their classes (a project for students of an older sister who teaches vocals). Data about students (full name, nickname in the telegram, date of class and some other data) are stored in a Google table (so that the sister can change the data manually). Data is read from the Google Sheet, converted to a csv file to work on the Pandas framework, past classes are deleted, a list of students is created to send reminders, modified data is entered back into the table and past classes are added to another sheet, reminders are sent to students at a certain time.

* Json file.
* Pandas framework.
* Telegram bot.
* datetime, requests, webbrowser, pickle.

(The project was created with the aim of mastering new skills. For full-fledged work, it needs hosting).

A telegram bot that sends me the vacancies I need

In the telegram bot, the necessary criteria are selected by which to find a vacancy; the site where vacancies are posted is parsed; a list of vacancies is sent to the user in the form of links through which he can go to the site for a more detailed study of the vacancy.

* Json file.
* Pandas framework.
* Telegram bot.
* Requests, BeautifulSoup.
* HTML.

(The project was created with the aim of mastering the skills of website parsing).

I started learning Python. I took two basic courses at Stepik. I mastered the language base and practiced on CodeWars.

**The first year of university**

In the first year of university, I studied C++, I gained basic knowledge of the language (data types and structures, functions, working with files, the basics of OOP).

**EDUCATION**

(Incomplete higher education, 2nd year)

Faculty of Information Technology and Control

Belarusian State University of Informatics and Radioelectronics

**Qualities**: Self-discipline, responsibility, sociability.

**Hobbies**: Volleyball.

**Languages**: Russian native, English B1.