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<https://github.com/yamozha>  
<https://gist.github.com/yamozha>

### GitHub Projects (in no particular order) :

CryptoBot - A bot for the chat platform Discord which has basic cryptographic and encoding functions (ROT3, binary de/encoding, base64 de/encoding), by using built-in and other libraries in Python.

discordpibot - A bot for the chat platform Discord which shows you some hardware stats about your Raspberry Pi as well as uses APIs, fiddles with requests, executes commands from the linux terminal in the Python script.

Arduino\_Projects - mainly an experiment that plays with the DigiKeyboard library and arduino microcontrollers that can act as keyboards. Written in Arduino.

random\_stuff - A repo, containing another Discord bot, built around the idea of a leveling system, which is written in Python there are also attempts to play with steganography, face recognition and date.

Scheduler is a command line script that, judging by the date and time, tells you what classes you have next. In the bash folder, there are a couple of bash scripts that help making other programs easier to use.

AutoKStream - Experimenting with a headless browser, attempting to watch youtube videos. Written in Python.

js-bot - Modification and study of a javascript discord bot made by someone else.

### Other Projects (again in no particular order) :

daskalo.xyz - A website written in HTML and CSS that was made for my classmates, which uses a PHP script to redirect users to the link in which their online class is currently taking place. Also had some experience in SQLite by making a forum-like website as a subdomain.

AlgMix - A command line script written in Python, the premise of which being: downloading

YouTube videos as audio files, comparing them to each other and showing the user which audio files have similar BPM (beats per minute).

NanSend - Another Discord bot that uses requests to make use of an API that gets stats about a video game.

Ka.Li - Python script that makes use of Kali tools using the subprocess library.

DataNubs - a data scraper using the libraries BeautifulSoup4 and random. Gets a specific html element from the url given (e.g <class="example-class"> from "https://example-site.com/f"{randomnumber}").

### Other things that I've done:

Video editing - Some experience exists, as I have been amateurly editing and uploading videos on YouTube since I was little.

Photoshop and Image editing - I have made posters, made funny picture edits for my friends, did image editing for Instagram and tried to make a couple of logos.

Website builders (Wordpress, Joomla, Drupal) - Some experiments with website

builders. **Skills I would like to learn:**

- Better my Python
- Javascript
- Database design and management.
- Cybersecurity and penetration testing.
- Systems administration.
- Forensics.

### Operating systems I've used:

- Debian
- Debian-based (Parrot, Kali, Elementary, etc)
- OpenSuSe
- Fedora
- Windows

### Languages:

- Bulgarian - Native
- English - Fluent (Cambridge Placement Exam - C1)
- Spanish - Conversational

### Certifications:

- EBC\*L Level A