

Malyutin Roman

therealmal23@gmail.com github.com/TheRealMal gitlab.com/TheRealMal leetcode.com/TheRealMal t.me/therealmal

EDUCATION

Bauman Moscow State Technical University Specialist of Computer Security	Sep. 2020 - May 2026 <i>Moscow, Russia</i>
School 21 Multidirectional programming institution	Aug. 2023 - Nowadays <i>Moscow, Russia</i>
VK Education Golang web services development	Oct. 2023 - Dec. 2023 <i>Moscow, Russia</i>
Skills: C C++ Bash Databases Algorithms and Data Structures Soft skills DevOps	
Skills: Go Async REST Web Security SQL K8S Docker CI/CD Microservices	

PROJECTS

Sonatype Nexus tools Internship at CryptoPro github.com/TheRealMal/nexus-manager	Aug. 2023 <i>Moscow, Russia</i>
Skills: Python API Nexus Docker	
<ul style="list-style-type: none">Tools for managing artifacts in Sonatype Nexus repositoriesDesigned and coded using Python language, versions packed to .whl files for Linux installation & usageCan be configured for any nexus server, supports filtration for platforms and targetsSupports multiple command line flags to specify script behavior	
Telegram bot for reshipping service Commercial project	Jun. 2023 <i>Moscow, Russia</i>
Skills: Python Telethon	
<ul style="list-style-type: none">User friendly telegram interfaceAdmin control panel to manage rates, orders, statuses etc.Automatically parses banks/exchanges to update current rates	
CLI Python bot PET project github.com/TheRealMal/TheRealMalAIO	Jan. 2022 – Oct. 2022 <i>Moscow, Russia</i>
Skills: Python Discord.py API CLI UI	
<ul style="list-style-type: none">Imitates human behavior and generates messages based on discord channel messages.Automatically joins discord servers with some intermediate tasks: adding reaction to discord message, pushing buttons, sending necessary messages, solving captcha.API for authorization and message generation.Fully headless (All actions are made through requests w/o selenium etc.).Selling 18 keys resulted in 200.000 rub. profit.	
Browser Extension PET project github.com/TheRealMal/ExtensionTRM	Mar. 2022 – May. 2022 <i>Moscow, Russia</i>
Skills: JavaScript HTML CSS API Browser Extension	
<ul style="list-style-type: none">Automates user actions when waiting and buying limited items.Supports multiple sites and multiple profiles for user details.Bypasses site bot & fraud protection.Selling 8 keys resulted in 105.000 rub. profit.	
Web Library System Coursework github.com/TheRealMal/LibrarySystem	Dec. 2021 <i>Moscow, Russia</i>
Skills: JavaScript HTML CSS API Hash Algorithms	
<ul style="list-style-type: none">Web application for searching and managing books.Search was conducted using the Rabin-Karp algorithm and indexing.	
Own services (Discord paid group) Commercial project	Jan. 2019 – Jun. 2022 <i>Moscow, Russia</i>
Skills: Python REST Web Scraping Cuncurrency JavaScript ExpressJS OAuth2 Web Vulnerabilities WebSockets	
<ul style="list-style-type: none">Developed restock monitors (web scrappers) for different websites.Did researches to find websites bot protection bypasses, queue bypasses, etc.Developed web-dashboard and automatic payment system for group subscription.Developed WebSockets API for CLI Bot (Authorization, users notification, secure some algorithms).	

SKILLS

Programming Languages:	Python Go C C++ JavaScript Bash
Databases:	PostgreSQL NoSQL SQLAlchemy pandas
Technologies:	Docker Kubernetes FastAPI ExpressJS Sonatype Nexus Burp Suite Charles
Misc.:	Linux SQL HTML/CSS Grafana REST API WebSockets JSON HTTP DNS TCP/UDP
Spoken Languages:	Russian (native speaker) English (upper-intermediate)

INTERESTS

Backend Development	DevOps	Cryptography	Web-Security
---------------------	--------	--------------	--------------