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EDUCATION

- **HSE Tikhonov Moscow Institute of Electronics and Mathematics** Moscow, Russia
- *Bachelor's Program Cybersecurity* *Sep. 2018 – Sep. 2022*

  Thesis: specialist with knowledge and skills in development, research and application of the latest integrated methods and tools for information security.

  Relevant coursework: Programming in Python, C++, Algorithmicizing, Computer Workshop administration of systems and networks, Algebra and Geometry, Discrete Mathematics

  English Level: Advanced (C1)

EXPERIENCE

- **HSE University** Moscow, Russia
  Junior Software Engineer Sep 2021 – Sep 2022
  - **Project work**: the task of project was to build an investing "Telegram" bot for tracking stocks quotes, cryptocurrencies, and world indices

- **Stepik online courses** Moscow, Russia
  Dec 2020 – Apr 2021
  - **Python Basics and Application certificate**: The fundamental principles of the Python language, how the interpreter executes code, the structure data, types of data and functions.
  - **Python programming**: Basic concepts and elements of the Python (operators, numeric and string variables, lists, conditions, loops).
  - Fundamental of statistics: Learned to describe the data obtained in research, the main methods and principles of statistical analysis, interpretation, and visualization of the results. I got acquainted with such methods of statistical analysis as dispersion, regression, and cluster analysis, we will learn how to compare groups with each other, calculate correlation coefficients and build regression equations.

- **HSE Computer Workshop Course** Moscow, Russia
  Sep 2021 – Jun 2022
  - **VMware Workstation Pro**: Confidence mastery of skills in Windows OS, Linux Ubuntu OS, Mikrotik OS, network settings, work with IP addresses and DNS, forward lookup zones and reverse lookup zones, practical skills in work with Iptables and Web Application Firewall, windows and linux terminal.
  - **Wireshark**: Skills in tracert different types of packets (ipV4, ipV6, FTP TCP)
  - **Cisco Packet Tracer**: Skills in configuring initial switch settings, SVI and SSH

  Achievements
  - Winner of the team engineering Olympiad for schoolchildren "Olympiad of the National Technology Initiative in the competence track Talent 20.35" Competence - "Programming in Python":
  - Awarded for the originality of the idea in Hackathon Moscow HSE Hack

PROJECTS ON GITHUB

- FastApi application: deploy simple app with get and post methods using MongoDB, Docker Compose, Uvicorn and NGINX

- A/B testing GameDev company's new feature

- Hash-Cracker on C++: Preimage and collision program for MD5 and SHA2 hash functions. When launched, the program gives a choice of what the user can do, either crack the hash based on the technologies presented in the program, or create their own dictionary based on random passwords, or using a targeted attack based on special words

- **Investing "Telegram" bot**: My open-source project work for HSE University. This app was built using Python, Telegram

API, Aiogram library and my parser for getting all the information about quotes of stocks, cryptocurrencies, world indices in real time. The parsing backend was built using BS4 library and Requests library.

- **saycheeseandmusic**: SayCheeseAndMusic is my open-source musical web service which allows you to listen some muisic and check a discography of the pool of singers.
- *HackStocks*: HackStocks is a platform which allows clients to find the stock using search button and check true fair value of it. The database on this project is Django ORM and framework is Django.
- **Cryptomill**: Cryptomill is my open-source platform which allows you to get all the latest information about cryptocurrencies quotes for different timeframes, price percentage and graph. This project is still in development and haven't finished yet. The stack for backend is Python Django 3 and parsing with CoingeckoAPI. As for frontend, I use HTML templates and bootstrap.

PROGRAMMING SKILLS

- **Languages**: Python, C++, SQL, HTML CSS, JS, React
- **Technologies**: FastApi, MongoDB, React, Docker, Django, NGINX, Unit tests, Telegram API, Requests, Beautiful Soup, Bootstrap, MLfinance, Pandas, Linux, VMware, Wireshark, Cisco Packet Tracer