

Ivan Nikolskiy

Student's CV

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EDUCATION

SETU Carlow Cybercrime & IT Security, 1st year student, 2023 - current

Moscow Private School, 2012-2019, 2021-2023

Moscow School №1575, 2019-2022

Moscow School of Programming, 2019-2022

SUMMARY

I am an information security student and beginner penetration testing software developer. I started learning programming and cyber security in 2019 in Moscow School of Programming and now improving my skills using open resources. I am currently developing several open-source projects at my team EntySec and participating in cybersecurity conferences.

My goal is to continue educating in the direction of information security and develop my skills non-stop.

GitHub - <https://github.com/entysec>

Website - <https://founder.entysec.com/>

SKILLS

- Low-level programming (C++, C, Objective-C, Assembly)
- Computer networks
- CTF olympiads and attack-defense olympiads
- IoT security & Penetration testing
- Development of modules & frameworks in Python
- Reverse engineering
- Several MITRE ATT&CK techniques and CVE, CWE, CNVD
- Web application development (Django, PHP, HTML, CSS, JavaScript, Bootstrap, jQuery, etc.)
- iOS security and applications development
- Web application security (RCE, SQL injection, XSS, XXE, SSTI, etc.)
- Various penetration testing software development

EXPERIENCE

ZeroDays CTF, CTF Olympiad

SPRING 2024

- Participated in the competition with CTF team Loki in 2024 and we got 1st place.
- Certificate - <https://founder.entysec.com/assets/certs/zerodays>

Ugra CTF, CTF Olympiad

AUTUMN 2020, 2021

- Participated in the competition with my CTF team ShadowLegacy in 2020 and 2021 and advanced to the final.

Moscow CTF, CTF Olympiad

AUTUMN 2021

- Participated in the competition with my CTF team ShadowLegacy in 2021 and advanced to the final.

MIREA Cyberbeathlon, CTF Olympiad

AUTUMN 2021, SPRING 2022

- Won the competition with my CTF team ShadowLegacy twice in 2021 and 2022.
- Certificate - <https://founder.entysec.com/assets/certs/cyberbeathlon.pdf>

NTO Contest, CTF Olympiad

SPRING 2022

- Participated in the competition with my CTF team ShadowLegacy in 2022 and advanced to the final.

PROJECTS

- *HatSploit Framework* - Modular penetration testing platform that enables you to write, test, and execute exploit code - <https://hatsploit.com/>
- *SeaShell Framework* - iOS post-exploitation framework that enables you to access the device remotely, control it and extract sensitive information - <https://github.com/entysec/seashell>
- *Ghost Framework* - Android post-exploitation framework that exploits the Android Debug Bridge to remotely access an Android device - <https://github.com/entysec/ghost>
- Other projects available here - <https://github.com/entysec>

- Certificate - <https://founder.entysec.com/assets/certs/nto.jpeg>

Positive Hack Days, Cybersecurity Conference

MAY 19, 2022

- Presented my own security software and solutions including HatSploit Framework in order to describe new methods of penetration testing.
- Received positive feedback and suggestions.

OffZone 2022, Cybersecurity Conference

AUGUST 26, 2022

- Presented my own security software and solutions including Fishnet Framework in order to describe new methods of penetration testing.
- Received positive feedback and suggestions.
- Speaker profile - <https://2022.offzone.moscow/speakers/ivan-nikolsky/>

EntySec, Open-source Software Developing

2020 - PRESENT

- Developed several (13) open-source projects intended for providing cybersecurity solutions, penetration testing tools and toolkits for RedTeams, exploits and payloads. Posted them on EntySec's GitHub.
- Released some products like HatSploit Framework, Fishnet Framework and well-known Ghost Framework.
- Official website - <https://entysec.com/>