# Ivan Nikolsky
Student's CV

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## EDUCATION

**Moscow Private general education School,** 2012 - 2019, 2021 - Present

**Moscow State general education School,** 2019 - 2021

**Moscow School of Programming,** 2019 - Present

## SUMMARY

I am an information security student and 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 on my platform EntySec and participating in cybersecurity conferences.

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

## 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

**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.

**NTO Contest,** CTF Olympiad

SPRING 2022

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

**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.

**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.