

# Yordan Stoychev

## Security Researcher

Passionate Security Enthusiast driven by the desire for improvement and the chase for knowledge. Always ready to deep dive into any code base and research alike. Experienced in analysing and exploiting complex vulnerabilities. Strong desire to work and collaborate with others and learn from experienced professionals.

## Education

### Mathematics and Informatics, High School of Mathematics "Dr Petar Beron", Varna

September 2018 - May 2023

## Articles

### Conquering a Use-After-Free in nf\_tables: Detailed Analysis and Exploitation of CVE-2022-32250

<https://ysanatomic.github.io/cve-2022-32250/>  
<https://github.com/ysanatomic/CVE-2022-32250-LPE/>

### Abusing RCU callbacks with a Use-After-Free read to defeat KASLR

[https://ysanatomic.github.io/abusing\\_rcu\\_callbacks\\_to\\_defeat\\_kaslr/](https://ysanatomic.github.io/abusing_rcu_callbacks_to_defeat_kaslr/)

### CVE-2022-1015: A validation flaw in Netfilter leading to Local Privilege Escalation

<https://ysanatomic.github.io/cve-2022-1015/>  
<https://github.com/ysanatomic/CVE-2022-1015/>

### Dissecting the Linux Firewall: Introduction to Netfilter's nf\_tables

[https://ysanatomic.github.io/netfilter\\_nf\\_tables](https://ysanatomic.github.io/netfilter_nf_tables)

## Extra-Curricular Activities

### Occasional CTF player with \x4247Sec

March 2023 - Present

### Part of the Bulgarian National Cyber Security Team

Representing Bulgaria at the 2023 European Cyber Security Challenge

Varna, Bulgaria  
[anatomicys@gmail.com](mailto:anatomicys@gmail.com)

## LINKS

[Research Blog](#)  
[Github](#)  
[TryHackMe](#)  
[Youtube](#)

## TECHNICAL SKILLS

Kernel Hacking  
Binary Exploitation  
Reverse Engineering  
Strong Background in Python and C/C++  
Experience with Assembly (ARM, x86)  
Computer Networking  
Web Exploitation  
Experience with Java and Kotlin

## LANGUAGES

Bulgarian  
English (Fluent)