



Kuzey Arda Bulut

Security Researcher

As a student deeply passionate about cyber security, I've cultivated my skills in areas like Exploit Development and Cloud Security. Now, I'm focusing my efforts on enhancing my expertise in Rust Kernel Development, as part of my continuous learning journey within the field.

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📍 Istanbul, Turkey

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🐙 github.com/kuzeyardabulut

📄 kuzey.rs

🐦 twitter.com/kuzeyardabulut

WORK EXPERIENCE

Intern Security Researcher NYU Tandon School of Engineering

06/2023 - Present NY, USA
Developed the Lind kernel using Rust under the theory of popular paths to protect the kernel against 95% of zero-day attacks.

Security Consultant Skyloop Cloud

08/2022 - 05/2023 Istanbul, Turkey
I performed penetration tests and security reviews for companies on AWS. I also coded a tool about AWS Security and created a SaaS application.

Intern Cloud Consultant Skyloop Cloud

02/2022 - 08/2022 Istanbul, Turkey
I developed myself on AWS services. I provided security solutions and architectural solutions to companies on AWS.

EDUCATION

High School Teknopark Istanbul Cyber Security High School

09/2020 - 06/2025 Istanbul, Turkey

TECHNICAL SKILLS

Exploit Development Fuzzing Reverse Engineering

Rust Kernel Development DevSecOps

Vulnerability Researching SFI DevOps

CERTIFICATES

AWS Certified Security -Specialty (09/2022 - 09/2025) [↗](#)

HACKISTANBUL Training Participation Certificate (10/2021) [↗](#)

PERSONAL PROJECTS

- hunted-rust-bugs (08/2023) [↗](#)
 - This repository contains vulnerabilities that I found in Rust projects.
- Azure Security Assessment Tool (06/2023) [↗](#)
 - An Azure Security Assessment Tool Written with 200+ Rules
- RustyLock Ransomware (05/2023) [↗](#)
 - An Educational Ransomware Written in Rust.
- Rust DLL Hollowing (05/2023) [↗](#)
 - Demonstrates the DLL Hollowing technique implemented in the Rust programming language.
- Rusty Process Memory Scanner (05/2023) [↗](#)
 - Tries to find free memory spaces on processes.
- AWS Visitor Counter (03/2022) [↗](#)
 - Easily count site visitors with AWS Lambda and display it on your site
- Turkish Cyber Security Dictionary (02/2022)
 - Turkish Cyber Security Dictionary of Over 350 Words

ACHIEVEMENTS

- The World's Youngest AWS Certified Specialist (09/2022) [↗](#)
- Republic of Turkey Defense Industry Presidency Certificate Of Appreciation (05/2022) [↗](#)
- The First Company Owned By A Student In Teknopark Istanbul (05/2022) [↗](#)

INTERESTS

- NaCl
- Cryptocurrencies
- Smart Contracts
- Blockchain Security
- Compilers
- Chess
- Malware Development
- eBPF

ORGANIZATIONS

Capture The Flag Competition For High Schools (04/2022)
Head of Technical Board

Dungeon of PWNERS (10/2022)
Co-Founder

Fenerbahçe FC Youth Club (01/2023)
Member

LANGUAGES

English
Professional Working Proficiency

Turkish
Native or Bilingual Proficiency

Russian
Elementary Proficiency

HONOR AWARDS

Cybersecurity Star Award (12/2022) [↗](#)
T.C. Presidential Digital Transformation Office

KapsulCTF 2023 Finalist (06/2023)
Participated in the finals of KapsulCTF, an international Capture The Flag competition, and took the 4 th place.

PUBLICATIONS

Cybersecurity Journal
Memory Safety in Rust: Ensuring Reliable Code [↗](#)
07/2023
Page: 151

Article
DLL Hollowing with Rust Language: Stealth Injection [↗](#)
06/2023