

Mahmut Kapkic

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Objective

A resourceful and self-driven undergraduate student who is experienced and interested in system security for almost six years. With strong leadership and research experience.

Education

Atılım University

B.S. IN COMPUTER ENGINEERING

- GPA: 3.24/4.00 (With 1 semester High Honor)

Ankara, Turkey

Sep 2021 - PRESENT

Atılım University

MINOR IN MATHEMATICS (CRYPTOGRAPHY)

- Mathematics minor focused on Cryptography

Ankara, Turkey

Sep 2022 - PRESENT

Skills Summary

Security Skills

Binary Analysis, Reverse Engineering, Cryptography, Network Security, Pentesting, Wireless Security

Programming

Python, C/C++, Bash, x64 Assembly, PHP

OS/App Experiences

IDA, Ghidra, GDB, Wireshark, Burp Suite, Pandas

Conference Publications

Privacy Issues in MR Images

INTERNATIONAL CONFERENCE ON INFORMATION SECURITY AND CRYPTOLOGY (ISCTURKEY 2022)

- Mahmut Kapkic, Şeref Sağiroğlu

Oral

Oct. 2022

Notable Projects

Auto Focus Portable Laser Communication System

UNDERGRADUATE RESEARCH PROJECT (PARTICIPANT)

- Undertook a laser communication project at the Undergraduate Research Project to gain experience in applying communication protocols in real-world cases.

Ankara, Turkey

Dec. 2021 - Jun. 2022

Autonomous Ransomware Decryptor

HEAD COORDINATOR

- Contributed to this project by utilizing my skills in Project Management, Cryptographic Algorithm Detection, and Binary Analysis.

Ankara, Turkey

Nov. 2022 - PRESENT

References

Prof. Dr. Şeref Sağiroğlu

Gazi University, Computer Engineering Department, ss@gazi.edu.tr

Professional Development

COMPETITIONS(SELECTED)

Oct 2020 **6th Place**, Battleware CTF

Aug 2021 **7th Place**, HackIstanbul2021 Bug Bounty Competition

Aug 2022 **7th Place**, HackKaradeniz2022 Cybersecurity Competition

Oct 2022 **9th Place**, STM 2022 CTF

Sep 2020 - Aug 2021 **District Representative**, 81SiberKahraman long-term Cybersecurity Education and Competition

Turkey

Istanbul, Turkey

Zonguldak, Turkey

Istanbul, Turkey

Ankara, Turkey

ATTENDED WORKSHOPS

Feb 2017 **GaziCyber**, Cyber Security and Log Management

Apr 2017 **Hacktrick'17**, Fundamentals of Cyber Security

May 2018 **Hacktrick'18**, Practical Penetration Testing

May 2022 **Hacktrick'22**, Practical IoT Hacking