ARGYRIOS BAKOURAS

INFORMATION AND COMMUNICATION SYSTEMS ENGINEER

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SUMMARY

Argyrios Bakouras is an engineer with expertise in cybersecurity and cybercrime investigations. Interested in the defense sector, defense systems, forensics, penetration testing, and intelligence.

TECHNICAL SKILLS

Python,C,C++,Java,Assembly,Git	Linux, Linux Hardening	Metasploit,Wireshark,Nmap
HTML,CSS,Javascript,PHP	Windows, Windows Hardening	IDA,Volatility,Splunk
BurpSuite, Search Engine Dorking	Snort, Aircrack-ng	Maltego,Shodan,OSINT

EDUCATION

Master of Information and Communication Systems Engineering   **2022-2027**
University of the Aegean, Greece

Summer School Course - 4 ECTS   **Aug 2025**
University of Jyväskylä, Finland
- Understanding and Mitigating Malware Campaigns and their Underlying Cybercriminal Operations, Complemented with a Preliminary Dive into Digital Forensics and IoT Device Firmware Hardening against Exploitation

PROFESSIONAL EXPERIENCE

Software & Robotics Engineer, Beyond Orbit   **2025 - Present**
- Participated in the software development of the TALOS 2.1 Rover

Chairman, IEEE Aegean Student Branch   **2024-2025**
- Led branch operations, events, workshops, and collaborations with faculty & industry

CERTIFICATIONS

CompTIA Security+ SY0-701   **2024-2027**
- Verification Code: FVWQD4Y6PJQE1195

CONFERENCES

Conference Paper for SFHMMY 16
- Cybercrime Investigation Through Low Earth Orbit Systems

Presentation for FOSSCOMM 2024
- Strengthening IoT Security with Honeypots and Open Source Tools

HOBBIES

Physical Fitness	Target Shooting	PADI Open Water Diver	Martial Arts

ADDITIONAL INFORMATION

- **Languages:** Greek-Native, English-Proficiency C2
- **Certifications:** TryHackMe, Cisco, Udemy, Google, CTF, Forage