

Iosif (Sifis) Lazanakis

Athens, GR | jlazanakis@gmail.com | +306983464657 | sifislaz.github.io | github.com/sifislaz | linkedin.com/iosif-lazanakis

Passionate Electrical and Computer Engineer with a strong foundation in Computer Engineering, Cybersecurity and Software Development, eager to grow through applying my skills to hands-on challenges and innovative problem-solving.

Work Experience

National Defence IT Support Center – Hellenic National Defence General Staff

Network and Systems Engineer

11/2024 – 09/2025

- **Promoted** to **Lance Corporal** in recognition of **dedication** and **exceptional service**.
- **Configured** and **Administered** computer **systems** and **networks** at Unclassified, Classified, Secret and Top-Secret level.
- Managed **Active Directory**, **Print Server** and **DNS Server**.
- Delivered **IT** and **network** support to HNDGS personnel.
- Trained new team members and authored supportive **technical documentation**.
- Strengthen **teamwork**, **leadership** and **communication skills** in a structured command environment.
- Fulfilled compulsory military service.

i-docs.com

Internship

07/2019 – 08/2019

- Authored **onboarding documentation** to familiarize new employees with company operations.
- Familiarized with core technologies, like **SQL**, **Git**, **XML**.

Education

University of Patras, School of Engineering

Electrical and Computer Engineering

10/2018 - 03/2024

Diploma and Integrated Master of Engineering, 300 ECTS

Grade: Very Good

Thesis: "Privacy preservation of biometric driven data for user authentication: system implementation and evaluation"

Grade: 10/10

Certifications and Courses

(ISC)²

Certified in Cybersecurity (CC)

06/2025 – 05/2028

- Security Principles (**CIA Triad**, **Authentication**, Risk Management, **Security Controls**)
- Business Continuity, Disaster Recovery and Incident Response Concepts
- Access Control (Physical Access, **Logical Access**, **MAC**, **DAC**, **RBAC**. Least Privilege)
- Network Security (**OSI Model**, **TCP/IP**, **Network Threats**, **IDS**, Prevention Measures, Infrastructure Security Design)
- Security Operations (**Data Security**, System Hardening, Best Practices, Security Awareness)

Cisco Networking Academy

Linux Unhatched

- Basic Linux Commands, File Manipulation and File System
- **Bash** Scripts
- Networking **Configuration**, Users and Permissions

Linux Essentials

- Linux Commands, File System and **Scripting**
- Text Editing with **vi**, nano
- Archiving and Compression
- Networks and Security (Administration, **Permissions**, Ownership)

TryHackMe

Cybersecurity 101 Learning Path

- Computer **Networking** and **Cryptography** (Wireshark, TCPdump, Nmap, Cryptography, Hashing)
- Microsoft **Windows**, **Active Directory** and **Linux** basics
- Offensive Security Tools (**Metasploit**, **Burp Suite**, **OWASP**)
- Defensive Security Tools (**SIEM**, **Firewalls**, **IDS**, CyberChef)

Languages

- Greek: Native language
- English: CEFR C2

Technical Skills

Microsoft Windows | Linux | User Authentication | Biometric Data Protection | Encryption Schemes (Homomorphic Encryption, Symmetric Encryption, Asymmetric Encryption) | OpenSSL | Network Protocols | OSI Model | Wireshark | DHCP | Mail Relay Server (Postfix, Dovecot, ClamAV, Spamassassin) | Firewalls (iptables, Shorewall) | DNS Servers (bind9) | Intrusion Prevention Software (Fail2Ban) | Bash Scripts | nginx | VMWare | Python 3 | Java | SQL | JavaScript | Git | Maven | Node.js | Express.js | Vue.js | Django | Microsoft Office (Word, Excel, PowerPoint)

Projects

Cybersecurity Home Lab

- **Simulated** a **corporate network architecture** using three **Debian**-based Virtual Machines (VM).
- Configured one VM as a **security gateway**, implementing a **Firewall**, **DNS**, **DHCP** and **Mail Relay server**.
- Deployed a second VM plays the role of the **Mail Server** and **Web Server**, passing traffic through the Mail Relay Server.
- Set up a third VM as a client machine to **test and validate** the network setup.
- **Utilized and Configured open-source** tools: Shorewall, bind9, isc-dhcp-server, nginx, Postfix, Dovecot, ClamAV and Spamassassin.
- **Created** Virtual networks, to enable communication between the host machine, the local network and subnets.

Personal Portfolio (sifislaz.github.io)

- Developed using HTML5, CSS3, JavaScript and Bootstrap 5.
- Hosted through GitHub Pages feature.
- Source code: <https://github.com/sifislaz/sifislaz.github.io>.

DNS Spoofing Demo

- **Configured and secured** a Debian-based VM with **iptables** firewall rules, **Fail2Ban** intrusion prevention, and a **bind9** DNS server.

- **Demonstrated security concepts** including DoS attack prevention, firewall rule creation, and DNS zone file manipulation leading to phishing site redirection.
- Completed as a **semester project** of Network Security Solutions course.

Volunteering

13th Electrical and Computer Engineering Students Conference (ECESCON 13)

IT Team Member

11/2021 - 05/2022

- Developed components of the conference website as **Front-End Engineer** using HTML5, CSS3, JavaScript and Bootstrap.
- Provided **live technical support** during the event, managing Microsoft PowerPoint, Zoom Meetings and OBS Studio for smooth presentations and streaming.
- **Enhanced** my **teamwork** and **collaboration skills** by incorporating feedback to improve deliverables.

EUROAVIA AS Patras

IT Team Member

01/2021 - 10/2022

- **Developed and maintained the organization's website** using WordPress, HTML5 and CSS3.
- **Provided live technical support** to online events and talks using OBS Studio, Microsoft PowerPoint, Zoom Meetings.
- Served as **IT Support Responsible** for 20MOI vol. 5, the **keynote event** of EUROAVIA AS Patras.

EESTEC LC Patras

Academics Responsible of International Event about 5G

02/2019 - 05/2019

- **Coordinated the academic schedule** of the event, in **collaboration** with **professors** from University of Patras.
- **Welcomed and hosted** students from across Europe, ensuring a **positive experience** for all attendees.
- Developed strong **interpersonal, networking, organizational, and cross-cultural communication skills**.

Academy Team Member

01/2019 - 12/2019

- Organized **lectures and seminars** about Electrical and Computer Engineering topics, in **collaboration** with **professors** from University of Patras.
- Enhanced **professional outreach, networking, teamwork, and organizational skills**, through event coordination and academic engagement.

Blood Donor

References

Academic and professional references can be provided upon request.