

Christos Dalamagkas

CYBERSECURITY RESEARCHER · NETWORK ENGINEER (CCNA)

📞 +30 6983160295 · ✉ me@cdalamagkas.gr · 🏠 https://cdalamagkas.gr

🌐 linkedin.com/in/cdalamagkas · 🌐 cdalamagkas

🆔 0000-0002-0210-5290 · Location: Sofia, Bulgaria

Education



Democritus University of Thrace

2023 - Now

PHD CANDIDATE, DEPT. OF COMPUTER SCIENCE

- Software-Defined Network Techniques for Orchestrating and Protecting Industrial Internet of Things



University of Western Macedonia

2012-2017

M.ENG. (5 YEARS OF STUDY), DEPT. OF INFORMATICS AND TELECOMMUNICATIONS ENGINEERING

- Game Theory on XG-PON networks: dspace.uowm.gr.
- Graduation Grade: 8.2/10.

Experience



K3Y Ltd.

JAN 2026 - NOW

SENIOR NETWORK AND SECURITY ENGINEER

- Researcher for EU-funded programmes: XTRUST-6G, SALUS, CASTOR, ENFORCE, IRONPLAN EDF, SECASSURED, CIPHER.
- Product Manager & Developer: K3NetOrchestra, K3CyberRadar.
- Research topics: Industrial IoT, Cybersecurity, Digitalisation.



Metamind Innovations P.C. (MINDS)

APR 2024 - NOV 2025

ASSOCIATE RESEARCHER

- Researcher for EU-funded programmes: NERO Digital Europe.
- Product Manager & Developer: MINDS SDN Controller & Dashboard.
- Research topics: Industrial IoT, Cybersecurity, Digitalisation.



Public Power Corporation S.A.

MAY 2018 - NOV 2025

CONTRACTOR / RESEARCHER

- Researcher for European research programmes (SPEAR H2020, SDN-microSENSE H2020, TERMINET H2020, ELECTRON H2020, Jaunty Erasmus+, AI4CYBER HE, DYNABIC HE, PHOENIX HE, EV4EU HE).
- Cyber Security & Software-Defined Networking on Smart Grids, Next-Generation IoT.
- Design, implementation, and administration of the Industrial Internet of Things (IIoT) Laboratory of PPC Inspectra.
- Design, deployment and configuration of industrial networks (SCADA, PLCs, smart meters, EV chargers).
- Software Development & Project Management



University of Western Macedonia

MAY 2018 - NOW

EXTERNAL COLLABORATOR / RESEARCH ASSISTANT

- Research assistance and management for European research programmes.
- Proposal writing in the IoT and cybersecurity domains (including TERMINET H2020, ELECTRON H2020, Jaunty Erasmus+).
- Software development.



IEK ALFA (Vocational school)

OCT 2018 - JUN 2019

TEACHER

- Instructor for the following courses: Computer Networks, Network Security, Mobile Networks, Operating Systems, Data Communications, Network Administration, Object-Oriented Programming (C++), Telecommunications

Professional Certifications



Cisco Certified Network Associate (CCNA)

JUL 2019

Skills

Computer Networking	Cisco IOS, Open vSwitch, ArubaOS-Switch, OpenFlow, Python Ryu.
Programming	Python, JavaScript, Django, MATLAB, Java, C/C++.
Virtualization	Proxmox VE, XCP-ng, VMware Workstation.
DevOps	Docker, GitLab CI/CD, GitHub Actions.
Cybersecurity	pfSense, OpenVPN, Python Scapy, Wazuh, OIDC, PKI.
Industrial IoT	Modbus TCP, OCPP 1.6-J, MQTT, DLMS/COSEM.
Telecommunications	ITU-T PONs, Simulation (OMNeT++, GNS3).
Miscellaneous	Troubleshooting, Horizon Europe Project Management, Office Suite, LaTeX.
Languages	Greek (native), English (C2), German (C1).

Voluntary Activities and Memberships



University of Western Macedonia

MAR 2016 - 2018

AUTHOR OF EDUCATIONAL MATERIAL

- Author of original education material for the course "Network Design": network-design-labs
- Curriculum includes Cisco and Mikrotik routing and switching.



Institute of Electrical and Electronics Engineers

SEPT 2013 - NOW

IEEE MEMBER