ORESTIS VLADIMIROU

CYBERSECURITY | SECURITY ENGINEERING | SOFTWARE DEVELOPMENT

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PROFILE

Cyber Security degree candidate awaiting final results, with hands-on projects spanning detection engineering, web application security, Python tooling, software development and governance.

TECHNICAL SKILLS

Security: Wazuh SIEM, log analysis, detection engineering, OWASP ZAP, incident triage, IAM assessment, ISO 27001, NIST CSF 2.0, DORA/GDPR case studies.

Development: Python, HTML, CSS, JavaScript, Flask, SQLite, Git, GitHub Actions, automated testing, Cloudflare Workers, technical documentation.

Systems: Linux, Windows, Hyper-V, networking, SSH, Terraform plan JSON review, endpoint and server support.

SELECTED PROJECTS

Cybersecurity Portfolio Website | Independent software engineering project | 2026

• Built and deployed a responsive, data-driven portfolio with Python-generated HTML, CSS and JavaScript; nine case studies, live search/filters, evidence previews, accessible navigation and persistent dark mode. Added Cloudflare Workers hosting, GitHub Actions CI/CD, security headers, SEO/sitemap and browser testing. Case study.

SOC Home Lab | Wazuh detection engineering | 2026

• Built a two-VM monitoring lab, authored seven custom detection rules, investigated controlled scenarios and checked 20/20 scoped SSH hardening controls.

Cloud Security Posture & IAM Hardening | Offline Python lab | 2026

• Developed synthetic AWS-style IAM and Terraform-plan scanners with SARIF output, hardened fixtures and 62 automated tests; no production AWS environment.

Web Application Security Testing | Authorized local lab | 2026

• Tested an intentionally vulnerable web application with OWASP ZAP; documented verified findings, remediation steps and safe testing boundaries.

TOTP Multi-Factor Authentication | University capstone | 2026

• Developed a Flask/SQLite TOTP authentication system with bcrypt, login lockout, audit logging and manual plus automated security checks.

ISO 27001 ISMS Gap Assessment | Fictional governance case | 2026

• Assessed ten simulated risks and drafted applicability decisions for all 93 Annex A controls, with documented corrective-action records.

Third-Party Security Risk Assessment | Fictional supplier case | 2026

• Assessed three simulated ICT suppliers using 24 due-diligence questions and six scored scenarios, with evidence-led remediation.

DORA/GDPR and Incident Readiness | Fictional regulatory and tabletop exercises | 2026

• Mapped 19 DORA/GDPR checkpoints and six draft notifications; modeled an 11-event incident, six tabletop injects and awareness materials.

EDUCATION

The Open University (UK) - BSc (Honours) Cyber Security | Coursework and assessments completed; final two module results, classification and formal award pending (2026).

RELEVANT TRAINING

Cisco Networking Academy: CCNA Enterprise Networking, Security and Automation; CCNA Introduction to Networks; Networking Essentials. Additional completed Udemy security courses and DataCamp Intermediate Python.

Languages: English (native-level), Greek (native).