

Joseph K. Tuncel

San Diego, California | kursat.tuncel@gmail.com | <https://kursattuncel.github.io/> | <https://www.linkedin.com/in/kursattuncel/>
| <https://github.com/kursattuncel>

Cybersecurity Practitioner

Cybersecurity practitioner and educator with a Ph.D. in Computer Science, M.S. and B.S. background in Computer Engineering, and experience across cybersecurity, telecommunications, software engineering, technical advising, and higher-education instruction. Builds safe open-source tools that turn security concepts into repeatable analyst workflows across SOC triage, cloud/IAM review, incident response, vulnerability prioritization, DevSecOps baselines, threat modeling, Linux hardening, and security education.

Core Skills

Cybersecurity | Cybersecurity incident response | Vulnerability assessment | Security training | SOC triage | Detection engineering | CloudTrail analysis | AWS IAM policy review | Incident response timelines | Vulnerability management | Container security | Linux hardening | PII redaction | Threat modeling | Security awareness | Python | Databases | Telecommunication networks | Project management | Git | Technical documentation

Selected Open-Source Portfolio

- SOC Alert Triage Kit: Alert scoring and Markdown briefing CLI for SOC handoff notes.
- IAM Policy Least Privilege Auditor: Offline AWS IAM JSON analyzer for wildcard permissions, high-risk actions, and missing conditions.
- CloudTrail Detection Lab: Synthetic CloudTrail detection rules for root usage, missing MFA, logging tampering, and S3 exposure.
- Incident Response Timeline Builder: Normalizes evidence events into readable incident timelines.
- Container Baseline Linter: Checks Dockerfile and Kubernetes manifest security baselines.
- Vulnerability Prioritization Board: Ranks findings using CVSS, exploit maturity, exposure, asset criticality, and controls.

Experience

Adjunct Professor | Konya Gıda ve Tarım Üniversitesi

Remote | Sep 2024 - Present

- Teach and support coursework in cyber security and secure software development.
- Create practical learning activities that connect theory to hands-on security and software engineering work.
- Mentor students on technical reasoning, research habits, and applied project work.

Adjunct Professor / Faculty Member | Konya Food and Agriculture University

Feb 2021 - Present

- Delivered advanced courses in software engineering and cybersecurity.
- Developed curricula and hands-on projects to help students apply theoretical concepts.
- Fostered critical thinking through interactive teaching methods and research mentorship.
- Collaborated with industry professionals to align curriculum with emerging technology trends.

Lecturer | Konya Gıda ve Tarım Üniversitesi

Konya, Türkiye | Feb 2021 - Jan 2024

- Served as a Computer Engineering faculty member with emphasis on technical instruction, security training, project management, and applied computing topics.
- Supported student learning through structured coursework, project supervision, and applied technical guidance.

Senior Technical Advisor | ARD GRUP

Ankara, Türkiye | Nov 2019 - Jan 2024

- Advised on technology, cybersecurity, procurement, vulnerability assessment, and project execution.
- Supported technical decision-making across software, security, and infrastructure initiatives.

Software Specialist | East-West IT Consulting Services Ltd.

Feb 2019 - Feb 2021

- Guided software development and cybersecurity practices across client projects.
- Supported assessments and security protocols to protect sensitive data and infrastructure.
- Collaborated with teams to integrate secure coding practices into development lifecycles.

Earlier Experience

Founder, SBS Yapay Zeka Teknolojileri A.S. | Advisor, PTT Bilgi Teknolojileri A.S. | Sales Advisor, Palo Alto Networks

Projects

Defensive Cybersecurity Portfolio

2026

- Created 10 repo-ready defensive cybersecurity projects with tests, documentation, CI workflow files, security policies, and MIT licenses.
- Demonstrated practical workflows across SOC alert triage, cloud IAM review, CloudTrail detections, IR reporting, container baselines, PII redaction, security awareness, STRIDE threat modeling, vulnerability prioritization, and Linux hardening.
- Used safe synthetic fixtures and local-only execution to avoid real credentials, live targets, and third-party data.

Education

- Ph.D., Computer Science | Konya Gıda ve Tarım Üniversitesi | Jul 2024
- M.S., Computer Engineering | Cankaya Üniversitesi | 2021
- B.S., Computer Engineering | Middle East Technical University | 2003

Certifications

- Certified in Cybersecurity (CC) | ISC2 | Issued Dec 2023, expires Dec 2026
- HIPAA Training Certificate | TeachMeHIPAA | Issued Oct 2025, expires Oct 2026
- Introduction to Cybersecurity (Security+) | Calbright College | Issued Jan 2024
- Certified Chief Information Security Officer (CCISO) | EC-Council | Issued Apr 2023, expired May 2024
- Project Management | Issued Apr 2013