

# Joseph K. Tuncel

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

## Cybersecurity Instructor / Trainer

Cybersecurity instructor and practitioner with a Ph.D. in Computer Science, M.S. and B.S. background in Computer Engineering, higher-education teaching experience since 2021, and professional experience across cybersecurity, telecommunications, software engineering, technical advising, and project management. Builds hands-on, safe, local-first learning materials for SOC triage, cloud security, IAM, incident response, threat modeling, vulnerability management, privacy, Linux hardening, and secure software development.

## Teaching Strengths

Higher-education instruction | Curriculum design | Cybersecurity | Secure software development | Security training | Hands-on labs | SOC fundamentals | Cloud security monitoring | IAM least privilege | Incident response | Threat modeling | Vulnerability management | Learner assessment | Technical writing | Python | Databases | Project management | GitHub-based instruction

## Teaching Portfolio

- Security Awareness Micro Labs: Short lessons, multiple-choice quizzes, and learner-friendly answer explanations.
- CloudTrail Detection Lab: Synthetic cloud security monitoring exercises with response questions.
- Threat Model STRIDE CLI: Architecture-to-threat-register workflow for AppSec instruction.
- Linux Hardening Audit: Local snapshot audit exercises for host security fundamentals.
- SOC Alert Triage Kit: Analyst-prioritization rubric for SOC onboarding or classroom use.

## Experience

### Adjunct Professor | Konya Gıda ve Tarım Üniversitesi

Remote | Sep 2024 - Present

- Teach and support coursework in cyber security and secure software development.
- Build applied learning activities that help students connect technical concepts to practical implementation.
- Mentor students on project work, technical reasoning, and research-oriented problem solving.

### Adjunct Professor / Faculty Member | Konya Food and Agriculture University

Feb 2021 - Present

- Delivered advanced courses in software engineering and cybersecurity.
- Developed comprehensive curricula and hands-on projects to help students apply theoretical concepts.
- Fostered critical thinking through interactive teaching methodologies and mentorship in research initiatives.
- 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 students through structured coursework, project guidance, and practical technical mentorship.

## Senior Technical Advisor | ARD GRUP

Ankara, Turkiye | Nov 2019 - Jan 2024

- Advised on technology, cybersecurity, procurement, vulnerability assessment, and project execution.
- Translated complex technical and security topics into actionable recommendations for stakeholders.

## Software Specialist | East-West IT Consulting Services Ltd.

Feb 2019 - Feb 2021

- Guided software development and cybersecurity practices, including secure coding practices and security protocols.
- Collaborated with technical teams to protect sensitive data and infrastructure.

## Open-Source Curriculum And Labs

### Defensive Cybersecurity Portfolio

2026

- Created 10 open-source-ready cybersecurity projects designed for safe practice and classroom demonstration.
- Included READMEs, roadmaps, examples, unit tests, CI workflow files, contribution guides, and security policies.
- Covered analyst workflows and teaching modules across SOC, cloud, IAM, incident response, DevSecOps, privacy, threat modeling, vulnerability management, and Linux security.

## 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