

BELIZ KALELI

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WORK EXPERIENCE

Palo Alto Networks <i>Sr. Staff Security Research Engineer</i>	October 2024 – Present <i>Santa Clara, CA</i>
Palo Alto Networks <i>Staff Security Research Engineer</i>	May 2023 – October 2024 <i>Santa Clara, CA</i>
AYESAS <i>Software Development Engineer</i>	September 2017 – June 2018 <i>Ankara, Turkey</i>

ACADEMIC PAPERS

ScanWars: A Multi-network Approach to Detecting and Analyzing The Rise of Scanning Activity <i>B. Kaleli, T. Li, F. Liu, O. Starov, M. Egele, G. Stringhini</i> <i>Symposium on Electronic Crime Research (eCrime)</i>	2025
EasyCSPeasy: A Server-side and Language-agnostic XSS Mitigation <i>B. Kaleli, M. Egele, G. Stringhini</i> <i>Security and Privacy in Communication Networks (SecureComm) – Best Paper Award</i>	2024
To Err.Is Human: Characterizing the Threat of Unintended URLs in Social Media <i>B. Kaleli, B. Kondracki, M. Egele, G. Stringhini, N. Nikiforakis</i> <i>Network and Distributed System Security Symposium (NDSS)</i>	2021
Studying the Privacy Issues of the Incorrect Use of the Feature Policy <i>B. Kaleli, M. Egele, G. Stringhini</i> <i>Workshop on Measurements, Attacks, and Defenses for the Web (MADWeb)</i>	2020
On the Perils of Leaking Referrers in Online Collaboration Services <i>B. Kaleli, M. Egele, G. Stringhini</i> <i>International Conference on Detection of Intrusions and Malware, and Vulnerability Assessment (DIMVA) – Best Paper Award</i>	2019

BLOGS & POSTS

Real-World Example of Malicious Indirect Prompt Injection <i>B. Kaleli, S. Farooqi, A. Starov</i>	Dec 2025 Link
Crypto-themed Emails with Links to Sites Posing as Cryptocurrency Platforms <i>B. Kaleli, O. Starov</i>	Oct 2025 Link
Phishing Campaigns Impersonate Major Business Platforms and Abuse OAuth Flows <i>B. Kaleli, O. Starov</i>	Oct 2025 Link
Blob URLs Used in Phishing Websites <i>P. Peng, A. Starov, B. Kaleli, L. Hu, S. Shuang</i>	Oct 2025 Link
Ongoing Phishing Campaign Using Browser-In-The-Middle Technique <i>B. Kaleli, A. Starov, L. Hu, S. Shuang, N. Mohamed, B. Duncan</i>	Sep 2025 Link
Fashionable Phishing Bait: GenAI on the Hook <i>Z. You, B. Kaleli, L. Hu, W. Wang</i>	Aug 2025 Link
It Was Not Me! Malware-Initiated Vulnerability Scanning Is on the Rise <i>B. Kaleli, F. Liu, P. Peng, A. Starov, J. Allen, S. Springer</i>	Apr 2024 Link

PATENTS

Detecting Scanning and Attacking Uniform Resource Locators in Network Traffic <i>B. Kaleli, F. Liu, A. Starov</i>	Published (US-12483573-B2) <i>Nov 2025</i>
Phantom Squatting: Anticipating GenAI-Hallucinated URLs Before Attackers Do <i>K. Nagaraj, D. Marty, B. Kaleli, A. Starov</i>	Filed <i>Oct 2025</i>
Detecting Defensively Registered Domains Using LLMs <i>N. Mohamed, J. Chen, A. Starov, B. Kaleli</i>	Filed <i>Oct 2025</i>
AVA: Authentication Verification Analyzer for Detecting OAuth Flow Abuses <i>B. Kaleli, D. Marty, L. Hu, A. Starov</i>	Filed <i>June 2025</i>
AI Social Engineering Defense: A Grounded AI-based Pipeline for Detecting Social Engineering Attacks <i>L. Hu, F. Liu, B. Kaleli, A. Starov</i>	Filed <i>June 2025</i>
A Deep Learning Approach for Real-time Scanning Attack URLs Detection Using IUPG Framework <i>T. Li, B. Kutt, B. Kaleli, F. Liu, P. Peng, O. Starov, W. Hewlett</i>	Filed <i>Feb 2025</i>

AWARDS & HONORS

2nd Place in Project Showcase Track <i>Google Cloud / Palo Alto Networks Agentic AI Hackathon</i> <i>N. Ekanathan, B. Kaleli, C. Liu, S. Farooqi</i> <i>AegisCrawler: Smart Agent for Unlocking Hidden Content</i>	2026
Best Student Paper Award <i>International Conference on Security and Privacy in Communication Networks (SecureComm)</i>	2024
Best Student Paper Award Finalist <i>The Center for Information of Systems and Engineering (CISE)</i>	2020
Best Paper Award <i>International Conference on Detection of Intrusions and Malware, and Vulnerability Assessment (DIMVA)</i>	2019

INVITED TALKS & SERVICE

Annual Computer Security Applications Conference (ACSAC) - Program Committee Member	2025
University of Michigan, Center for Computer Security and Society (SECRIT)	2021

EDUCATION

Boston University <i>Ph.D., Computer Engineering GPA: 3.8/4.0</i>	2018 – Expected 2024 <i>Boston, MA</i>
Boston University <i>M.S., Computer Engineering GPA: 3.8/4.0</i>	2018 – 2021 <i>Boston, MA</i>
Middle East Technical University <i>B.S., Electrical and Electronics Engineering</i>	2013 – 2017 <i>Ankara, Turkey</i>