

# BELIZ KALELI

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## WORK EXPERIENCE

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

## ACADEMIC PAPERS

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

## BLOGS & POSTS

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

## PATENTS

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

## AWARDS & HONORS

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

## INVITED TALKS

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University of Michigan, Center for Computer Security and Society (SECRIT)	2021
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## EDUCATION

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