BELIZ KALELI

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WORK EXPERIENCE

Palo Alto Networks   **October 2024 – Present**
Sr. Staff Security Research Engineer   *Santa Clara, CA*

Palo Alto Networks   **May 2023 – October 2024**
Staff Security Research Engineer   *Santa Clara, CA*

AYESAS   **September 2017 – June 2018**
Software Development Engineer   *Ankara, Turkey*

ACADEMIC PAPERS

ScanWars: A Multi-network Approach to Detecting and Analyzing The Rise of Scanning Activity   **2025**
B. Kaleli, T. Li, F. Liu, O. Starov, M. Egele, G. Stringhini
Symposium on Electronic Crime Research (eCrime)

EasyCSPeasy: A Server-side and Language-agnostic XSS Mitigation   **2024**
B. Kaleli, M. Egele, G. Stringhini
*Security and Privacy in Communication Networks (SecureComm) – **Best Paper Award***

To Err.Is Human: Characterizing the Threat of Unintended URLs in Social Media   **2021**
B. Kaleli, B. Kondracki, M. Egele, G. Stringhini, N. Nikiforakis
Network and Distributed System Security Symposium (NDSS)

Studying the Privacy Issues of the Incorrect Use of the Feature Policy   **2020**
B. Kaleli, M. Egele, G. Stringhini
Workshop on Measurements, Attacks, and Defenses for the Web (MADWeb)

On the Perils of Leaking Referrers in Online Collaboration Services   **2019**
B. Kaleli, M. Egele, G. Stringhini
*International Conference on Detection of Intrusions and Malware, and Vulnerability Assessment (DIMVA) – **Best Paper Award***

BLOGS & POSTS

Real-World Example of Malicious Indirect Prompt Injection   **Dec 2025**
B. Kaleli, S. Farooqi, A. Starov   Link

Crypto-themed Emails with Links to Sites Posing as Cryptocurrency Platforms   **Oct 2025**
B. Kaleli, O. Starov   Link

Phishing Campaigns Impersonate Major Business Platforms and Abuse OAuth Flows   **Oct 2025**
B. Kaleli, O. Starov   Link

Blob URLs Used in Phishing Websites   **Oct 2025**
*P. Peng, A. Starov, **B. Kaleli**, L. Hu, S. Shuang*   Link

Ongoing Phishing Campaign Using Browser-In-The-Middle Technique   **Sep 2025**
B. Kaleli, A. Starov, L. Hu, S. Shuang, N. Mohamed, B. Duncan   Link

Fashionable Phishing Bait: GenAI on the Hook   **Aug 2025**
*Z. You, **B. Kaleli**, L. Hu, W. Wang*   Link

It Was Not Me! Malware-Initiated Vulnerability Scanning Is on the Rise   **Apr 2024**
B. Kaleli, F. Liu, P. Peng, A. Starov, J. Allen, S. Springer   Link

Patents

Detecting Scanning and Attacking Uniform Resource Locators in Network Traffic — Published (US-12483573-B2)
B. Kaleli, F. Liu, A. Starov — *Nov 2025*

Phantom Squatting: Anticipating GenAI-Hallucinated URLs Before Attackers Do — **Filed**
K. Nagaraj, D. Marty, B. Kaleli, A. Starov — *Oct 2025*

Detecting Defensively Registered Domains Using LLMs — **Filed**
N. Mohamed, J. Chen, A. Starov, B. Kaleli — *Oct 2025*

AVA: Authentication Verification Analyzer for Detecting OAuth Flow Abuses — **Filed**
B. Kaleli, D. Marty, L. Hu, A. Starov — *June 2025*

AI Social Engineering Defense: A Grounded AI-based Pipeline for Detecting Social Engineering Attacks — **Filed**
L. Hu, F. Liu, B. Kaleli, A. Starov — *June 2025*

A Deep Learning Approach for Real-time Scanning Attack URLs Detection Using IUPG Framework — **Filed**
T. Li, B. Kutt, B. Kaleli, F. Liu, P. Peng, O. Starov, W. Hewlett — *Feb 2025*

Awards & Honors

Best Student Paper Award — **2024**
International Conference on Security and Privacy in Communication Networks (SecureComm)

Best Student Paper Award Finalist — **2020**
The Center for Information of Systems and Engineering (CISE)

Best Paper Award — **2019**
International Conference on Detection of Intrusions and Malware, and Vulnerability Assessment (DIMVA)

Invited Talks

University of Michigan, Center for Computer Security and Society (SECRIT) — **2021**

Education

Boston University — **2018 – Expected 2024**
Ph.D., Computer Engineering | GPA: 3.8/4.0 — *Boston, MA*

Boston University — **2018 – 2021**
M.S., Computer Engineering | GPA: 3.8/4.0 — *Boston, MA*

Middle East Technical University — **2013 – 2017**
B.S., Electrical and Electronics Engineering — *Ankara, Turkey*