

Lever.co ATS Abuse – Legitimate Email, Malicious Intent (22 Nov 2025)

Incident analysis

Independent cybersecurity researcher

November 2025

Full source & raw evidence:

<https://github.com/phishingforjobs/security-writeups/tree/main/2025-11-22-Lever.co-ATS-Abuse>

Summary

Received a fully authenticated next-stage interview email from [Lever.co](#) (SPF/DKIM/DMARC all pass) that linked to a fake background-check phishing site. The attack succeeded because the scammer created or compromised a real Lever employer account – not by spoofing email.

Key Findings

- Email originated from official Lever/Mailgun IP 159.112.248.213
- Valid DKIM signature (d=hire.lever.co)
- Reply-To used standard [Lever.co](#) tracking address
- Fraudulent employer: "Angelique Horizons LLC"
- Phishing domain: [hxps://mandatorybackgroundverification\[.\]com](http://hxps://mandatorybackgroundverification[.]com) (unrelated third-party)
- Phishing domain currently online (as of 24 Nov 2025)

- Candidate never applied to any Angelique Horizons posting — the fraudulent job was advertised under a different title/company name on FlexJobs solely to harvest applicant data for this phishing campaign

Indicators of Compromise (IOCs)

- Phishing URL: hxxps://mandatorybackgroundverification[.]com/
- Lever Reply-To UUID: 5a19516a-e437-408a-a3d9-815b0997ca01
- Fake employer name: Angelique Horizons LLC (and variations)

TTPs & Red Flags (Tactics, Techniques, and Procedures)

- Requests mandatory “background verification” via third-party site before any interview
- Uses urgent language (“shortlisted for the interview stage”)
- Refers vaguely to “the remote position” instead of the actual job title applied for
- Sends multiple near-identical emails within seconds (automated mass-mailing)

Scale of the Campaign

- Received 6 near-identical messages within 60 seconds from the same fraudulent Lever account
- Minor variations only in subject line and UUID in Reply-To header
- Indicates automated mass-mailing to all applicants of the fake job posting

Lessons Learned

- Perfect email authentication no longer guarantees legitimacy when attackers abuse legitimate ATS platforms
- Background checks should never require candidates to visit random third-party sites or pay upfront fees
- Always verify the hiring company's real domain and official career page before clicking any "verification" links

Evidence (redacted)

- Raw email headers: [headers.txt](#)
- 6 similar emails, one shown here:  
- Phishing site appears in Google search "mandatory background verification":
 
- Phishing landing page – full vertical scroll, captured 2025-11-24:
 *Full-page screenshot showing the entire fraudulent "TransUnion" verification funnel, including the \$29.95 payment demand and fake FAQ section.*

This incident demonstrates practical phishing triage and why account-level abuse of trusted platforms ([Lever.co](#), Greenhouse, Workable, etc.) has become the dominant job-scam vector in 2025.

Resolution Update – 26 Nov 2025

Lever confirmed the fraudulent "Angelique Horizons LLC" employer account was deactivated in early November 2025 following legal action. The six phishing emails received on 22 Nov 2025 were queued/scheduled messages that processed after suspension — a known limitation of many ATS email workflows when bulk or

delayed sends are involved. No further technical details were shared (standard practice for security/legal reasons).

The incident is fully resolved on Lever's side.

Reporting & Resolution Timeline

Date	Action	Status / Outcome
2025-11-22	Incident discovered (6 phishing emails received)	Documented
2025-11-24	Full triage completed; GitHub write-up published	Completed
2025-11-24	Phishing landing page safely captured (VPN + private tab)	Evidence added
2025-11-25	Fraudulent posting reported to FlexJobs	Sent – awaiting reply
2025-11-25	ATS abuse reported to Lever	Sent
2025-11-26	Lever confirmed account deactivated early Nov; late emails were queued/scheduled sends	Resolved on Lever side
...		(FlexJobs reply pending)