Ava Martinez Junior Security Engineer

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PROFILE SUMMARY

- **Junior Security Engineer** with **3 years** in IT and security, now on the **corporate security team** of a **consumer lending fintech**, focused on **access reviews, vulnerability fixes and identity alerts**.
- Works daily in **Okta** and Google Workspace, **Tenable** for scanning, **Jamf Pro** for Macs and **Splunk** for alerts, and writes **Python** and **Tines** workflows for small automations.
- Building depth in **least-privilege access**, **KEV-first patching** and **identity detections**, checking each new control against the **CIS Controls** so it holds up in the next SOC 2 audit.
- Works with **IT**, **app owners** and the **senior security engineers** on reviews and fixes, and answers questions in the **#ask-security** Slack channel most days.
- Keeps the **access review runbook** and the **vendor review checklist** up to date, holds **CompTIA Security+**, and is studying for the **AWS Certified Security Specialty**.

TECHNICAL SKILLS

Identity & SSO:	Okta, Google Workspace, SAML 2.0, SCIM, YubiKey
Vulnerability Scanning:	Tenable, CISA KEV, CVSS
Endpoint & MDM:	Jamf Pro, CrowdStrike Falcon, FileVault, CIS Benchmarks (macOS)
Firewalls & ZTNA:	Cisco Meraki, 802.1X, DNS filtering, Cloudflare Zero Trust (basics)
SIEM & Detection:	Splunk (SPL), Sigma, MITRE ATT&CK
Cloud & Secrets:	AWS (IAM, CloudTrail), AWS Secrets Manager, 1Password
Languages, Automation & Frameworks:	Python, Bash, Tines, CIS Controls v8, SOC 2 (basics)

EDUCATION

San Francisco State University — **B.S. in Computer Science** — San Francisco, CA · Aug 2019 to May 2023

CompTIA — **Security+ certification** — San Francisco, CA · Oct 2023

WORK EXPERIENCE

Affirm — **Junior Security Engineer** — San Francisco, CA · Jul 2024 to Present

- Worked the **Tenable** queue for about 2,000 laptops and AWS hosts, chasing owners on criticals listed in CISA KEV first, and raised fixes made inside the 14-day deadline from **61% to 89%**.
- Ran quarterly access reviews in **Okta** for 120 SaaS apps with their owners, and removed **430 accounts** left behind by people who had changed teams or left the company.
- Wrote **22 Splunk detections** for Okta and Google Workspace events such as MFA fatigue and mass file downloads, with a senior engineer reviewing each one before it went live.
- Built a **Tines** workflow with a short Python step that messages the owner in Slack when an AWS access key goes 90 days without rotation, and got **212 old keys** rotated or deleted in a quarter.
- Wrote the security reviews for **17 new SaaS vendors** with the senior team, checking SSO support, data retention and SOC 2 reports, and stopped 2 purchases that couldn't support SAML.

Samsara — **IT Support Engineer** — San Francisco, CA · Jun 2023 to Jun 2024

- Enrolled **1,300 MacBooks** in **Jamf Pro** with FileVault, firewall and auto-update profiles, bringing disk encryption to every company laptop before the SOC 2 audit.
- Helped move Wi-Fi in 3 offices from a shared password to 802.1X certificate login, and set up DNS filtering that blocked **1,800 malicious lookups** in its first month.
- Moved the IT team's **240 shared admin passwords** from a spreadsheet into 1Password vaults with SSO, and turned on alerts for any password reused across vaults.