

JASMINE BLAIR

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Internship Objective

Master of Science student in Digital Forensics & Cybersecurity seeking a remote Security, IAM, or Cybersecurity Internship/Co-op. Offers a strong foundation in identity governance, Active Directory migration support, forensic artifact analysis, Python automation, and technical compliance, backed by graduate-level coursework and hands-on enterprise systems experience.

Education & Credentials

Master of Science in Digital Forensics & Cybersecurity | Champlain College — In Progress
(Asynchronous)

- Graduate academic performance: 3.9+ GPA across advanced technical coursework.
- Relevant coursework: Practice of Digital Investigation, Operating Systems Analysis, Scripting for Digital Forensics.
- Key focus areas: tool validation, forensic duplication, volatile data collection, memory forensics, Windows Registry analysis, log analysis, Python automation, and metadata extraction.

Bachelor of Science in Information Technology – Cybersecurity | Strayer University

- Graduated Magna Cum Laude with a 3.7 GPA.

ISC2 Certified in Cybersecurity (CC) | Active Member / Candidate Status

Technical Skills

- **Identity Security & Governance:** Active Directory migrations, Organizational Units, Group Policy Objects, RBAC, least privilege enforcement, identity lifecycle governance.
- **Digital Forensics & Artifact Analysis:** KAPE, Volatility Framework, Wireshark, FTK Imager, Autopsy, EnCase, Windows Registry analysis, memory dump triage, EXIF/metadata extraction, IOC isolation.
- **Automation & Data:** Python 3, Windows PowerShell, SQL/T-SQL, Microsoft SQL Server, JSON/CSV parsing, evidence filtering.
- **Enterprise Environments:** Windows Server, infrastructure management, DNS, DHCP, Salesforce CRM backend architecture, data auditing.

Graduate Security & Forensics Labs

Graduate Technical Research & Applied Labs | Champlain College | 2023 – Present

- **OS Artifact & User Activity Analysis:** Examined Windows Registry keys, deleted file structures, browser histories, and Windows/macOS system logs to reconstruct user activity timelines and support digital forensics investigations.

- **Forensic Tool Validation & Memory Acquisition:** Performed volatile memory collection, Linux forensic imaging, forensic tool validation, and artifact triage using KAPE, FTK Imager, and EXIF extraction workflows.
- **Python Automation & Forensic Scripting:** Developed Python scripts to automate evidence filtering, parse JSON/CSV log data, calculate password entropy, and extract media metadata for investigative review.
- **Database & Evidence Indexing:** Built Microsoft SQL Server databases and T-SQL queries to filter, index, and organize compliance, security event, and evidence datasets.

Technical Experience

Identity & Access Management Specialist | Apex Systems (Contract: TForce Freight) | Jan 2022 – Mar 2023

- Supported enterprise Active Directory migration projects by staging, validating, and transitioning user and group objects across Organizational Units.
- Administered identity lifecycle processes, access provisioning, and security group updates while enforcing RBAC, least privilege, and identity governance controls.
- Reviewed user permissions through enterprise database tools and CRM backend systems to identify access drift, strengthen compliance, and improve data integrity.
- Troubleshoot directory synchronization issues and supported authentication infrastructure maintenance across enterprise workstation environments.

Back-Office Systems & Data Analyst | Apex Systems (Contract: CFA) | Jan 2022 – Feb 2022

- Maintained Salesforce CRM databases, contact structures, and operational documentation to support backend data integrity, secure records management, and business systems accuracy.
- Audited remote operational lists to detect configuration discrepancies, validate infrastructure data, and improve accuracy across distributed business systems.