

# Desmond Le

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## TECHNICAL SKILLS

**Operating Systems:** Linux (Fedora, Ubuntu), Windows

**Security Concepts:** Access control, authentication, system logging, incident response, network monitoring, encryption, vulnerability analysis

**Monitoring & Tools:** Prometheus, Grafana, SSH, Git, Microsoft Office Suite, Google Suite

**Languages:** C, C++, Java, Python, Bash | **Spoken:** English, Spanish, Vietnamese

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## EXPERIENCE

**Systems Monitoring & Security Research** - Chimera Project - UMass Boston | Boston, MA 2024 - 2025

- Built and maintained Grafana dashboards with PromQL queries to monitor live system metrics across a multi-node cluster.
- Deployed monitoring infrastructure via SSH/SCP to a remote Linux server; configured Prometheus scraping and data pipelines.
- Researched and documented an unprotected metrics endpoint as a security vulnerability, analyzing exposure risks and access control gaps.
- Maintained confidentiality of system architecture and credentials across a team environment.

**AI & NLP Research Project** - UMass Boston | Boston, MA 2024

- Developed a machine learning system in Python to analyze text patterns in online posts and identify potential mental health indicators.
- Applied NLP techniques including TF-IDF vectorization, Naive Bayes classification, n-grams, and FastText embeddings to process and classify large datasets.
- Built experience in pattern recognition, data analysis, and interpreting system outputs — applicable to monitoring and anomaly detection in security environments.

**Front Desk & Guest Services** - Red Lotus Nail Salon | Stoneham, MA 2020 - Present

- Monitored and controlled access to a busy front-facing environment, screening visitors and managing entry flow.
- Maintained alertness and professional presence across long shifts (10AM-7PM+) in a high-volume setting.
- Resolved complaints and service incidents calmly and on the spot, escalating to management when appropriate.

**Shift Manager** - McDonald's | Everett, MA 2020 - 2021

- Supervised 7-9 person team during high-pressure shifts, maintaining safety, order, and service standards.
- Handled escalated incidents and customer conflicts, making quick decisions under pressure.

**President & Founder** - Anhel Salsa Club - UMass Boston | Boston, MA 2022 - Present

- Coordinated large-scale outdoor event with live music, multiple partner organizations, campus administration, and crowd management across hundreds of attendees.
  - Led and delegated across an executive board, maintaining clear communication and accountability under logistical pressure.
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## EDUCATION

**B.S. Computer Science** - University of Massachusetts Boston | Boston, MA Aug 2021 - Dec 2025

- Relevant coursework: Applied Cryptography, Internetworking, Computer Architecture, Operating Systems, Compilers