

Derrick Harris

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Objective

Motivated Information Technology student at the University of North Florida with hands-on experience in programming, network security, and systems analysis. Seeking an internship or entry-level role to apply problem-solving skills, enhance security practices, and contribute to innovative IT solutions in a collaborative environment.

Education

University of North Florida, Jacksonville, FL
College of Computing, Engineering & Construction, ABET Accredited
Bachelor of Science– Computing & Information Sciences
Concentration: Information Technology

Expected Graduation 2026

Computing Skills

- Security Policies & Disaster Prep
- Java
- Python
- Kali Linux Virtual Box
- IT Project Management
- Oracle SQL Server
- Network Security/Administration
- Cloud Computing

Projects

Work Order Generator, Java

This program reads in CSV files representing various employees and customer tickets and uses this information to generate work orders.

- Implements inheritance and interfaces
- Uses file stream and manipulation
- Provides real world example

Port Management System, Python

Developed a simulation for a port management system that manages ship navigation between ports and handles container operations.

- Implemented functionality for loading/unloading various types of containers requiring specific handling.
- Analyzed and processed input requests to simulate real-world port activities and interactions.
- Designed fuel management algorithms to ensure ships have sufficient fuel for traveling between ports.

Case Study: Microsoft Adoption Score

Conducted an in-depth analysis of Microsoft's software adoption challenges and the implementation of the Microsoft Adoption Score tool

- Explored how companies leverage usage metrics to improve user engagement and productivity with Microsoft 365.
- Addressed both technological and user experience factors.

Credit Scam Forensic Report

Conducted a full forensic examination of a suspect's hard drive in during a credit card fraud investigation.

- Verified image integrity using FTK Imager and MD5 hashing
- Used Autopsy to examine file system artifacts, browser history, downloaded executables, and deleted files

Other experience:

Receptionist, UNF Recreation & Wellness 2022 – 2023

Event Opener, Cape Leisure Ribault Club 2022-