

ADAN DEROLUS

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OBJECTIVE

Pursuing a degree in Information Technology at UMass Boston, with a track in System Administration, aiming to further my skills as an IT professional, develop wonderful relationships, and advance my future professional IT career.

EDUCATION

BS Information Technology | University of Massachusetts at Boston

2022-2026

Courses included: CS110: Python, CS210, CS240: C programming, IT110: Problem Solving, IT116: Python script, IT244: Linux/Unix, IT230L: SQL, IT240: Web Fluency, IT246 : Networking, IT285: Ethics, IT425: Project Management and IT370: Analytics

PROJECTS

2022 -

System Administration Projects:

- Selected, Installed, configured, and maintained Unix-based operating systems.
- Set up and maintained DNS servers and mail systems.
- Developed and executed Shell Scripts for task automation.
- Configured a Local Area Network (LAN) involving a central server (Ubuntu Server LTS) and multiple virtual machine clients.

Programming Language Projects:

- Designed a program to determine the day of the week and update the day of the week. It accepts month day and year as command-line arguments.
- Implemented the A* search algorithm to solve the eight-puzzle problem, applying heuristics to find optimal solutions.
- Implemented key data structures, including an array list, linked list, deque, and random queue, demonstrating knowledge of memory management and data manipulation.

Networking Projects :

- Gaining practical experience with mobile and wireless networks and key network applications like Telnet, FTP, email, distributed file systems, and client-server models.
- applied data communication and networking concepts for LAN and WAN, focusing on network protocols such as Ethernet, PPP, TCP/IP, and WWW protocols.

Analytics Projects:

- Explored analytics applications in decision-making across marketing, finance, and manufacturing, including OLAP, dashboards, and data visualization.
- Projects included data warehousing, web analytics, real-time data, and mobile applications in the context of management reporting and performance measurement.

WORK EXPERIENCE

Youth Leader | Roxbury Environmental Empowerment Project (REEP)

2019-2023

- Worked with other youth-led organizations winning campaigns surrounding the environmental injustices in Roxbury.
- Advocated and spread awareness in our community about environmental changes and community issues through outreach and hosting events.
- Used Zoom to collaborate with other organizations under ACE to learn more about how to better the community around us.

IT Intern | Canaccord Genuity LLC, Investment Bank

2024-2025

- Configured and maintained IT inventory, including computers, peripherals, and software licenses.
- Supported employees with video conferencing setups, mobile device troubleshooting, and IT request triaging.
- Participated in Agile project concepts, including inventory management, security risk assessments, and IT documentation.
- Assisted with helpdesk and desktop support, troubleshooting IT equipment, software, and network issues.
- Participated in Agile project concepts, including inventory management, security risk assessments, and IT documentation.
- experience with Active Directory, Azure, Intune, and Autopilot for managing IT infrastructure.

SKILLS

- | | | |
|--------------------------------------|----------------------------|--------------|
| • Microsoft Word | • Java | • Linux/Unix |
| • Python | • AGILE Methodology (Jira) | • SQL |
| • Microsoft Excel | • HTML | • Terminal |
| • Shell Scripting | • Tableau | • C Language |
| • Languages: Haitian Creole, English | • Customer Service | |
| | • SAS Platform | |

EXTRACURRICULARS

2024-

- Information Technology Club
- Haitian Student Association(Treasurer)
- African Student Union (Active)

2023 -

2023-

