

Brielle Elmoore

Briellee@knights.ucf.edu | (313) 558-1029 | Orlando, FL

Objective

I am actively seeking an internship opportunity in the field of Information Technology, where I can apply my skills, gain practical experience, and contribute to the success of the organization.

Education

Bachelor of Science Degree in Information Technology, GPA: 2.9

Expected Graduation: Aug 2024

University of Central Florida - Orlando, FL

Related Coursework: Python, Operating Systems, Computer Science (I – C Language), Discrete Structures, Technical Writing

Skills

- Programming Languages: C, Python
- Database: Microsoft SQL Server, MySQL
- Operating System: Windows 10, Windows 2016 Server, Mac OS
- Other Software Applications: Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Oracle VM Virtual Box,
- Hardware & Networking: Network Protocols, Hardware Installation Upgrades and Configurations

Project Highlights

Virtual Servers

- Small Network Virtualization with Active Directory Integration (Tools: Oracle VM VirtualBox, Windows Server, Windows 10)
- Configured Active Directory Domain Services for centralized and secure management of the network.
- Utilized Active Directory to manage user accounts, group policies, and network resources.
- Set up and configured domain servers using Windows Server for efficient network administration.
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Hill Cipher Encryption (C Language)

- Developed a Hill cipher encryption program that encrypts alphabetic letters in a file using a customizable matrix size.
- Created a user-friendly command-line interface for inputting the encryption key and the file to be encrypted.
- Demonstrated proficiency in handling file I/O operations and matrix manipulation using NumPy.
- Showcased problem-solving skills and understanding of cryptographic algorithms.

Experience

Kelly Education Services - Orlando, FL

Substitute Teacher

March 2022 – Present

- Partnered with Orange County Public Schools to support their educational initiatives and contribute to maintaining a purposeful learning environment.
- Helped students troubleshoot technical issues related to Canvas, such as login problems or difficulties accessing course materials.
- Supported students in navigating the iReady platform, a comprehensive online learning program, to complete assignments and assessments.

ID.ME – Lake Mary, FL

Contracted Trusted Referee

February 2022 - May 2022

- Provide mission-critical support for identity verification support to organizations and government agencies.
- Offer efficient and precise assistance to clients through email and video visits to complete the verification process.

AdventHealth Centra Care – Sanford, FL

Patient Registration Coordinator

February 2021 – September 2021

- Greeted and registered patients upon entry into urgent care, providing support to the clinical staff.
- Used NextGen and Powerchart to prepare or update electronic charts for all patients, ensuring the information is shared with the clinical staff.

Student Organizations

- Society of Women Engineers (SWE)
- National Society of Black Engineers (NSBE)
- Prime Stem