# Elisha Rogers

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## WORK EXPERIENCE

**Information Technology Intern** — Summer 2024 & Summer 2025
Ocean Point Terminals — *St. Croix, USVI*

- Managed user accounts in Active Directory, which included password resets, account creation for interns, and disabling unused accounts.
- Ensured consistency and safety when conducting maintenance on equipment, including disposing of or e-wasting decommissioned hardware, installing new hardware, and verifying network connections throughout the building.
- Utilized the R-Drive Image program to save copies of user hard drivesfor backup purposes.
- Kept track of ongoing and resolved requests via the BMC Helix ticketing system.

**Information Technology Intern** — Spring 2023 — Spring 2024
Virgin Islands Housing Authority — *St. Croix, USVI*

- Assisted with setting up workstations for new hires, facilitating seamless onboarding experiences for employees.
- Assisted in upgrading company computers, leading to increased productivity and efficiency.
- Provided technical support for employees, resulting in reduced downtime and increased employee satisfaction.

**Information Technology Intern** — Summer 2022
Virgin Islands Bureau of Information Technology — *St. Croix, USVI*

- Provided technical assistance and support for incoming queriesand issues related to computer systems, software and hardware
- Walked customers through problem-solving process
- Followed up with customers to ensure issue has been resolved
- Trained with Cybersecurity, Web Development, and Networking specialists.

## EDUCATION

**University of the Virgin Islands** — St. Croix USVI
*Bachelor of Science, Computer Science* — *Spring 2025*

- **Cumulative GPA**: 3.03/4.0 | Dean's List (Fall 2020, Fall 2022, Spring 2025)
- **Relevant Coursework**: Principles of Operating Systems, Introduction to Computer Architecture and Digital Systems, Digital Communication and Networks, Introduction to Cybersecurity, System Security, Digital Forensics, Network Forensics

## CERTIFICATIONS

**ISC2**
*Certified in Cybersecurity (CC)* — *Spring 2025*

## PROJECTS

**CodeEducate: A Gamified Learning Application for High School Students** — Spring 2025

- Conducted user research and designed CodeEducate, a platform aimed at making Java programming education more accessible to beginners.
- Delivered a formal presentation outlining UX/UI improvements, feature proposals, and accessibility recommendations.
- Applied the Waterfall model to manage the project from initial planning through final deliverables.
- Wrote a formal technical report and software specifications document detailing the system design, architecture, and requirements elicitation process.

**Comparative Security Analysis of Sandbox and Virtualized Environments** — Spring 2025

- Conducting malware execution tests in both Windows Sandbox and Hyper-V VMs.
- Evaluating system recovery, security integrity, and performance overhead.
- Hypothesis: Sandbox offers stronger isolation and better efficiency than traditional virtualization.

**AI vs Human Forensics in Malware Detection** — Spring 2025

- Investigating effectiveness of AI-driven malware detection versus digital forensics teams.

- Leveraged scholarly sources and experimental design for academic paper.
- Presented findings through a literature review and technical paper

**ESP32 IoT Security Research** Fall 2024
- Focused on vulnerabilities and encryption mechanisms in ESP32-based IoT devices.
- Proposed methods to enhance data privacy and local control for end users.
- Created a proof-of-concept design for a user-friendly secure smart camera system.

## General Skills

- Creative
- Critical thinker
- Innovative
- Team Collaborator
- Exceptional mathematics skills

## Technical Skills

- **Programming Languages**: JavaScript, Python, C/C++, HTML/CSS, Java, SQL
- **Technologies**: Proxmox, Git, *NIX, NGINX, Windows Server, Secure Shell (SSH), Virtual Private Networks (VPN), Virtual Private Servers (VPS)