

Elisha Rogers

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WORK EXPERIENCE

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

- Managed user accounts in Active Directory, which included password resets, account creation for interns, and disabling unused accounts.
- Handled hardware no longer in use through on-site e-waste process.
- Utilized the R-Drive Image program to save copies of user hard drives for 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 queries and 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

CodeEducat: A Gamified Learning Application for High School Students Spring 2025

- Conducted user research and designed CodeEducat, 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)