

Trevon Herman

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EDUCATION

Georgia State University, Atlanta, GA
Bachelor of Science, Computer Science.
PSLAMP Scholar

December 2024
August 2019

TECHNICAL SKILLS

Operating systems: IOS, Windows, Android, Linux
Desktop software: Microsoft 365, Photoshop
Languages: Java, Swift, MASM, Prolog, Haskell, C
Project Management: Task delegation, equipment procurement, IT project documentation

Protocols/ Networking (Beginner): NFS Multipathing, Failover Systems, 100Gbit Switch Configuration
Cabling: Cat 5, Cat 6, USB, Coaxial, HDMI
Remote Server Management: Configuring and supporting iDRAC

ACHIEVEMENTS

Programming Club GSU

- Workshops in Java, C, and various other languages.

NSF Peach State Louis Stokes Alliance for Minority Participation (PSLAMP) Scholar

Developed technical and leadership skills through STEM workshops, advisement, and academic presentations.

Joined the Apple Developer Program.

- Developed a data-focused app for tracking carbon emissions, using Firebase for real-time syncing and Metal API for optimized data processing and reporting.

Student Assistant, IT Department Project Management

- Managed data infrastructure projects, including 100Gbit switch integration and storage array maintenance, with a focus on data reliability and secure access.

PERSONAL PROJECTS

Ecoris – Carbon Footprint Tracking App.

2024 – Present

- Developed Ecoris, an app for individuals and businesses to track, verify, and report carbon emissions, with a focus on secure data handling and scalability.
- Integrated Firebase for real-time data syncing and user authentication, ensuring data consistency across platforms.
- Created visual reports and insights to help users monitor their environmental impact, supporting informed decision-making.

Other Projects

- 256-bit text encryption, memory organization using MASM, and a secure password generator in C.
- Advanced Java programs for data structures like hash maps, queues, and search trees.

EMPLOYMENT HISTORY

City of Atlanta – Atlanta, GA

Atlanta Police Department Real Time Crime Center

01/2024 – 03/2024

Internship with the Atlanta Police Department working in the Real Time Crime Center & NetPlanner

- Observing and documenting live video from surveillance cameras.
- Cleaning up data from camera hardware and updating info for the new hardware

Georgia State University – Atlanta, GA

Student Assistant, IT Department

08/2024 – Present

- Managed 100Gbit switch integration and NFS failover configurations.
- Sourced KVM and desktop solutions for secure iDRAC access.
- Led HDD replacement strategy and JBOD enclosure procurement.
- Documented configurations and streamlined setup processes.