# VICTORIA KAYODE

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## PROFESSIONAL SUMMARY

Results-driven Computer Engineering graduate skilled in embedded systems, IoT development, and UI/UX design. Proficient in hardware-software integration, product prototyping, and design. Passionate about leveraging technology to create innovative solutions that enhance user experiences and improve efficiency.

## EDUCATION

**KENNESAW STATE UNIVERSITY** **Kennesaw, GA**
**Bachelor of Science in Computer Engineering (Cum Laude)** Graduated December 2024
GPA: 3.57
Relevant Coursework: Advanced Embedded Systems, Data Collection and Analysis, Sensors, Actuators, and Integration, Senior Project Design.

## SKILLS

**Programming Languages:** Python, C++, JavaScript, HTML, and CSS.
**Hardware Design:** Raspberry Pi, Arduino, PCB Design (Eagle), Circuit Design.
**Software & Tools:** Fusion 360 (3D Modeling), Figma (UI/UX Design), AWS Integration, Microsoft Office.

## PROJECTS

**LOCIT (WEARABLE LOCATION & SAFETY DEVICE)** December 2024

- **Spearheaded the design and development of** a wearable safety tracker, integrating **real-time GPS tracking**, **facial recognition**, and **geofencing** to enhance safety for vulnerable populations, achieving **98% accuracy** in location updates.
- **Led UI/UX design** for the companion app using **Figma and FlutterFlow**, crafting intuitive user interfaces and seamless user flows that enhanced engagement **by 20%**.
- **Engineered a 3D-printed prototype** using **Autodesk Fusion 360**, reducing device size **by 30%** while maintaining durability and performance for elderly and child users.

**RASPBERRY PI WEATHER STATION** March 2024

- **Engineered a weather monitoring station** that logged environmental data with **95% accuracy** at 10-second intervals, ensuring timely and reliable updates.
- **Programmed in Python** to process and store **500+ data points daily**, enabling comprehensive tracking of temperature, humidity, and pressure.
- **Integrated the system with AWS** for cloud-based data storage and remote access, enabling real-time monitoring.

**RED LIGHT, GREEN LIGHT GAME (SQUID GAME INSPIRED)** February 2023

- **Developed an interactive game prototype** using **Arduino Mega**, incorporating motion sensors, LEDs, and a buzzer to simulate the "Red Light, Green Light" game mechanics.
- **Programmed in C++** to manage sensor data and control game logic, achieving **90% accuracy** in detecting player movement during the "Red Light" phase.
- **Integrated real-time feedback systems** using an LCD and push-button controls, enhancing user interaction and gameplay experience.

## WORK EXPERIENCE

**THE UPS STORE** **Atlanta, GA**
Customer Service Representative January 2024 – Present

- Processed 50+ transactions daily with 98% accuracy while collaborating with team members to optimize store operations and increase productivity by 15%.

**WALMART** **Atlanta, GA**
Online Pickup Associate May 2023 – December 2024

- Collaborated with a cross-functional team of 10+ associates to maintain 98% on-time pickups, improving customer satisfaction scores.

## CLUBS

- Active member of NSBE (National Society of Black Engineers), SWE (Society of Women Engineers), and ASA (African Student Association), participating in workshops, events, and initiatives to promote diversity and professional development in STEM.