

# Malik Jamal

Cleveland, OH

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## EDUCATION

### Cleveland State University

Washkewicz School of Engineering

Bachelor of Science in Computer Science -- 3.5 GPA

Cleveland, OH

Class of 2025

## SKILLS AND SYSTEMS

**Programming Languages:** Python, Java, JavaFX, HTML, CSS, JavaScript, C, GDScript

**Frameworks & Tools:** Git/GitHub, Unix/Linux, API Integration, Microsoft Office, G-Suite

**Databases:** SQL (MySQL, SQLite)

**Relevant Courses:** Operating Systems | Quantum Machine Learning | Mobile App Development | Language Processors | Algorithms

Internet Programming | Data Science | Database Concepts | Comparative Program Languages | Artificial Intelligence | Computer Networks

**Other:** Strong communication, Natural language processing, Android development, Unit testing, Technical documentation

## PROJECTS

- **Virtual Reality Campus Tour | Godot Engine, GDScript, XR Tools, OpenXR**
  - Led the design and development of an interactive VR campus tour using Godot Engine and XR Tools, showcasing campus facilities and student life through immersive 3D experiences while achieving consistent 90 FPS performance.
  - Built interactive features including teleportation nodes, information hotspots, and guided walkthroughs using GDScript, Animation Tree, and VR input systems, improving load times by ~70% through user testing and scene profiling.
  - Managed version control and team collaboration using Git and GitHub, maintaining a clean, scalable codebase that supported multiple project iterations and future enhancements.
- **Professional Portfolio Website | [malikjamalportfolio.com](https://malikjamalportfolio.com)**
  - Designed and deployed a responsive personal portfolio website using HTML5, CSS3, and JavaScript to present education, technical skills, experience, and software projects through a custom domain.
  - Built an interactive single-page interface with smooth scrolling, active navigation states, a mobile hamburger menu, responsive layouts, and Intersection Observer animations for cross-device usability.
  - Integrated an asynchronous Formspree contact workflow with success and error states, direct PDF resume download, and external GitHub, LinkedIn, and live-demo links; managed source control with Git/GitHub.
- **AI-Powered Recipe Recommender | Python, Streamlit, pandas, Spoonacular API**
  - Developed a Python-based recipe recommendation application with Streamlit and command-line interfaces, integrating the Spoonacular REST API to generate personalized recipe suggestions from user-provided ingredients.
  - Engineered a modular recommendation pipeline that normalizes ingredient input, processes API responses with pandas, applies dietary, cuisine, and preparation-time constraints, and ranks recipes based on ingredient compatibility.
  - Improved usability through interactive recipe cards, configurable search results, detailed cooking information, CSV export functionality, and resilient API error handling, while securing credentials through environment-based configuration.

## EXPERIENCE

### Costco

Supervisor | Front End & Tire Center | TIA Certified

Cleveland, OH

01/2022 – Present

- Progressed from Front End Supervisor to TIA-certified Tire Center Supervisor, leading cross-functional teams, assigning daily responsibilities, and maintaining service, safety, and productivity standards in high-volume environments.
- Direct employee workflow across front-end and tire-service operations, balancing staffing, appointments, work orders, and competing priorities to ensure efficient completion of customer requests.
- Lead the resolution of POS, payment-system, work-order, and equipment issues, guiding employees through troubleshooting steps and coordinating escalations with internal support teams or vendors.
- Train, coach, and evaluate employees on system usage, technical procedures, documentation accuracy, safety requirements, and member service while identifying process improvements that strengthen team performance.
- Make time-sensitive operational decisions, resolve escalated member and employee issues, and hold team members accountable for performance, accuracy, and compliance with company standards.

### Hanini Subs

Operations Manager & Systems Administrator

Akron, OH

01/2018 – 12/2021

- Administered daily business technology operations, including POS terminals, payment devices, receipt printers, workstations, and network-connected equipment.
- Diagnosed and resolved hardware, software, connectivity, and user-access issues, coordinating with third-party vendors when escalation was required.
- Managed system configurations, software updates, employee access, and operational data supporting sales reporting, transaction reconciliation, and inventory tracking.
- Developed technical procedures and trained employees on system usage, troubleshooting, data-entry standards, and secure handling of business information.