

# 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

**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

Cleveland, OH

*Class of 2025*

## EXPERIENCE

### Qasas CPA Firm

*Contract Developer | Remote*

Buffalo, NY

*09/2025 – Present*

- Rebuilt and migrated the firm's website from Squarespace to a React 19 single-page application built with Vite and Tailwind CSS, deploying to Netlify across 15 reusable components and 5 routed pages.
- Designed an interactive Service Journey Explorer surfacing process steps, required documents, firm deliverables, and client responsibilities for 8 service offerings, architected as a single data source so staff can edit content without touching component code.
- Automated a TaxDome-to-Google Sheets sync through Zapier, maintaining a continuously updated master record of accounts and contacts to support versioned backups and downstream integrations.

*Software Development Intern | On Site*

*05/2025 – 08/2025*

- Audited a 4,855-record TaxDome CRM export (2,639 accounts and 2,216 contacts across 136 fields) and designed a consolidated schema, eliminating custom fields already duplicated by platform defaults for address, email, and phone.
- Built an AI-assisted data cleanup workflow using Claude with platform documentation as context, producing field-level merge and removal recommendations alongside a documented change log for firm review rather than editing source data in place.

### 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 and directing daily workflow across front-end and tire-service operations while maintaining service, safety, and productivity standards.
- 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, and documentation accuracy while identifying process improvements that strengthen team performance.

## SKILLS AND SYSTEMS

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

**Frameworks & Tools:** Git/GitHub, Unix/Linux, React, Vite, Tailwind CSS, SwiftUI, Xcode, pandas, Streamlit, REST APIs, Zapier

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

**Other:** Strong communication, Android and iOS 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 Formspreet 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.