

Waiz Kayani

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EDUCATION

THE OHIO STATE UNIVERSITY

Expected Graduation: 05/2027

Bachelor of Science, Computer Science and Information, Specializing in Artificial Intelligence

SKILLS

Languages & Frameworks: Java, C, Python, Swift, JavaScript, React.js, Node.js, D3.js, FASTAPI, MySQL, MongoDB, Unix, Docker, Assembly X86, PyTorch, TensorFlow, HTML5, CSS, .NET, PowerShell, Bash

Technical Concepts: Artificial Intelligence, Machine Learning, Git, Databases, Object Oriented Programming, Time Complexities

TECHNICAL COURSES

Low-Level Programming & Computer Organization, Web Applications, Artificial Intelligence I, Data Structure & Algorithms

CERTIFICATIONS

INTRODUCTION TO MACHINE LEARNING ON AWS

Completed: 06/2025

J.P. MORGAN - SOFTWARE ENGINEERING JOB SIMULATION

Completed: 07/2025

WORK EXPERIENCE

FIRSTENERGY CORPORATE

05/2025-Present

IT Intern

Columbus, Ohio

- Build and maintain a .NET-based API health checker and logging framework, monitoring service uptime for 10,000+ users.
- Develop internal CLI tools in Java for system diagnostics and log parsing, decreasing manual debugging time by 40%.
- Automate cross-platform patching operations using Bash and Python scripts on Unix/Linux environments, increasing system uptime by 15% across 500+ nodes by streamlining update workflows and ensuring consistent configuration management.
- Refactor and optimize SQL queries across Oracle, MySQL, and Azure SQL databases, cutting load times by 25%, improving overall responsiveness and reliability of enterprise applications used by over 8,000 employees.

APPLE INC.

08/2024-01/2025

Specialist

Columbus, Ohio

- Recognized company-wide for generating 200+ business customer introductions, driving a 30% increase in enterprise outreach.
- Stayed up to date with the latest Apple technologies and educated 100+ customers weekly to drive informed purchases.
- Resolved technical and service issues swiftly, reducing resolution time by 35% and improving NPS scores.
- Delivered 5+ Apple Vision Pro and Apple Intelligence demos daily, increasing interest in new product adoption.

KIANI ATM SOLUTIONS LLC.

05/2024-Present

Founder, Web Developer

Columbus, Ohio

- Founded an ATM company in 2024, entering the \$25B+ ATM market projected to grow at a 3.6% CAGR through 2030.
- Built and deployed the company website using HTML, CSS, JavaScript and GitHub, strengthening the online presence.
- Analyzed transaction data to refine machine placement and maximize profitability across current and future partner sites.
- Establish and manage revenue-sharing models with small businesses, enabling passive income and 2x projected growth.

PROJECTS

Deepfake Detection and Media Authentication Agent

- Developed an AI system to detect deepfake content in audios and videos using CNNs, RNNs, and transformer-based models.
- Built and deployed an async FastAPI backend with structured logging and MongoDB Atlas for scalable media analysis.
- Designed a React.js dashboard styled with Tailwind CSS and CSS3, to display detection results and media authenticity scores.
- **Frameworks:** Python, React.js, FastAPI, MongoDB, NumPy, PyTorch, Hugging Face Transformers, OpenCV, Docker

FocusSpace

- Developed a spatial productivity app for Apple Vision Pro that transforms task management into an immersive experience.
- Implemented a spatial to-do list, Pomodoro timer, and ambient sound control using SwiftUI, RealityKit, and AVFoundation.
- Developed an intuitive gesture-based UI with spatial anchoring for seamless mixed reality interaction.
- **Frameworks:** Swift, Apple RealityKit, AVFoundation, Apple Reality Composer Pro, visionOS SDK

Clothing Inventory Management System

- Built a scalable Java-based inventory system to manage 1,000+ apparel items with real-time tracking and dynamic pricing logic.
- Applied object-oriented design to implement modular features for sorting, searching, and formatting item data efficiently.
- Utilized Java Collections, data structures, and encapsulation to ensure flexibility, accuracy, and future extensibility.
- **Frameworks:** Java, Java Collections Framework, OOP, Data Structures, Exception Handling

LEADERSHIP

President

12/2024-Present

Punjabi Students Association at Ohio State

- Lead a 6-member executive board and manage \$5,000+ in funding, scaling PSA's active membership from 40 to 200+ through high-impact cultural programming and outreach.
- Organized 10+ high-engagement events, boosting average attendance 5x and establishing PSA as a top-growing org on campus.
- Improved planning workflows and logistics, reducing event prep time by 40% and boosting internal team coordination.