

Nizar A. Faris

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SUMMARY

Detail-oriented Software Engineering student with hands-on experience in .NET/C# development, SQL databases, and full-stack application design. Proven ability to build reliable, scalable software through multiple academic and personal projects. Strong understanding of the software development lifecycle (SDLC), debugging, and version control. Recognized for problem-solving, collaboration, and technical excellence. Seeking to contribute as a Software Development Intern to support modernization and innovation within enterprise applications.

EXPERIENCE

Sales Associate

The Home Depot

2024 – Present, Cincinnati, OH

- Delivered excellent customer service while maintaining high accuracy under pressure.
- Strengthened analytical and communication skills applicable to client-driven software environments.

Mail Room Associate

Cincinnati State Technical & Community College

2024 – Present, Cincinnati, OH

- Managed and organized 500+ items per shift, ensuring operational reliability and attention to detail.
- Collaborated with administrative staff to optimize workflow efficiency.

PROJECT

AlgoVision – AI-Powered Algorithm Visualization Platform (Co-Founder)

- Co-founded and developed an interactive platform that visually demonstrates algorithm behavior and code flow in real time.
- Engineered the front-end with JavaScript and TypeScript, leveraging the Tree-sitter library for precise code parsing and syntax visualization.
- Designed dynamic algorithm simulations (sorting, searching, and recursion) with live AI animation and user input handling.
- Collaborated in a fast-paced hackathon environment to deliver a functional prototype integrating intelligent code analysis and UI responsiveness.

Algorithmic Trading Bot

- Developed an automated trading bot that analyzes live market data and executes trades using predictive logic.
- Designed robust data pipelines and SQL data management for real-time analytics.

Retail Garden Store Application

- Built a complete point-of-sale application with C# and .NET, handling product inventory, pricing logic, and customer transactions.
- Applied principles of object-oriented programming (OOP), data persistence, and user interface design.
- Used SQL Server for data storage and retrieval, optimizing queries for performance.

EDUCATION

A.A.S. in Software Engineering Technology

Cincinnati State Technical & Community College • Expected May 2026 • May 2026 • 4.0

AI Foundations Certificate

University of Cincinnati – Digital Futures ExLAI Program • 2025

AWARDS & HONORS

Dean's List, Cincinnati State

Fall 2024, Spring 2025, Summer 2025

- Recognized for academic excellence and technical leadership in software engineering coursework.

SKILLS

C#, C++, Java, SQL, Python

.NET, Visual Studio, React, Flask, Git, Agile/Scrum

MS SQL Server, PostgreSQL, MongoDB

