Contact

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Top Skills

Jira

Amazon Web Services (AWS)

Zendesk

Certifications

Learn Java Course

Data and Programming Foundations
for AI Skill Path

Introduction to LangGraph

AWS Academy Graduate - Cloud
Foundations - Training Badge

Build a Website with HTML, CSS,
and GitHub Pages Skill Path

Cameron Warren

B.S in Computer Science at UNC Charlotte, loving the journey as an
AI Research Analyst at Furnitureland South. Grateful for the growth,
the people, and the momentum.
Charlotte, North Carolina, United States

Summary

AI Research Analyst at Furnitureland South | B.S. in Computer
Science (UNC Charlotte)

I am Cameron Warren, a Computer Science graduate from UNC
Charlotte and a Software Engineer dedicated to building high-
performance, AI-driven solutions. Currently, I am an AI Research
Analyst at Furnitureland South, where I bridge the gap between
emerging technology and real-world retail innovation.

Most recently, I architected and built SofaScope, an AI-powered
visual search platform for the world's largest furniture store. By
leveraging CLIP embeddings and FAISS vector search within a
Dockerized microservices architecture, I was able to optimize search
performance by 95%, reducing latency from 15 seconds to under
500ms.

I am grateful for the growth, the incredible team at FLS, and the
momentum of working at the intersection of Computer Vision and
Full-Stack Development.

Technical Expertise:

Backend & AI: Python (FastAPI), Java (Spring), CLIP, FAISS,
Docker

Frontend: JavaScript, React, Next.js, HTML/CSS

Data: Vector Databases, SQL, Machine Learning Analysis

Explore SofaScope: https://sofascope.furniturelandsouth.com

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Experience

Furnitureland South, Inc
10 months

AI Research Analyst
January 2026 - Present (2 months)
Jamestown, North Carolina, United States

Leading the integration of Conversational AI and LLMs into enterprise-wide workflows. Focused on optimizing Developmental Operations (DevOps) through AI automation and scaling chatbot architectures to drive business efficiency.

Jr AI Research Analyst
August 2025 - January 2026 (6 months)
Jamestown, North Carolina, United States

I focus on staying at the forefront of artificial intelligence by researching emerging technologies, evaluating AI models, and analyzing market and competitive trends. My work bridges technical research and business strategy transforming complex findings into clear, actionable insights.

Information Technology Intern
May 2025 - August 2025 (4 months)
Jamestown, North Carolina, United States

Meadowlands Golf and Country Club
Maintenance Specialist
May 2023 - August 2024 (1 year 4 months)
Winston-Salem, North Carolina, United States

● Led daily landscaping and course maintenance, ensuring pristine conditions before customer arrivals, resulting in
high customer satisfaction.
● Optimized time management by completing complex tasks within early morning shifts, demonstrating
adaptability and resilience under pressure.

Texas Roadhouse
Foodrunner
June 2021 - March 2022 (10 months)

● Advanced from Busboy to Foodrunner in one month by delivering exceptional service and efficiency, enhancing
overall dining experiences.

● Streamlined order delivery processes by coordinating closely with waitstaff, significantly improving service speed
and accuracy in a fast-paced environment.

Education

University of North Carolina at Charlotte
Bachelor of Science - BS, Computer Science · (August 2022 - December 2026)