BLAKE MCALISTER

Portfolio Website: https://bk-alister.github.io/
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Motivated Computer Science junior with strong foundation in software development, leadership, and communication skills. Seeking an internship in a team-based environment working on projects where I can enhance expertise in software development.

EDUCATION

Clemson University| Clemson, SC
Bachelor of Science in Computer Science
GPA: 3.2
Expected Graduation Date: Spring 2027

EXPERIENCE

IT Digital Solutions Intern | June 2025 – Present | Oldcastle APG – Atlanta, GA

- Contributed by integrating a chatbot on Oldcastle's B2B e-commerce site to automate order tracking, FAQs, and customer support.
- Supported backend enhancements and API integration on the BigCommerce platform.
- Analyzed user behavior using LuckyOrange to optimize site performance and inform UX/UI decisions.

CodePath x AmazonNext Program | Summer 2024 | Atlanta, GA

- Practical fundamentals of software development and navigating the hiring process for tech roles.
- Application preparation and behavioral interviewing tips.
- Practical data structures and implementing efficient algorithms.
- Topics included: Big O Notation, Hash Tables, Linked Lists, Stacks and Queues, Binary Trees, Strings and Arrays, Graphs

Online Sales Entrepreneur | 2020 – Present

- Established an independent business venture specializing in the online resale of premium shoes, with proven success in managing comprehensive e-commerce operations including product sourcing, inventory management, and storefront optimization.
- Adept at building strong customer relationships and enhancing the shopping experience.
- Leveraged trends to effectively use online platforms to drive sales and profitability.

SKILLS

Technical Skills: Python, C++, C, HTML, JavaScript, CSS, Object-Oriented Programming, API Integration, Web Development, Flask, React, Windows, Testing

Soft Skills: Leadership, Collaboration, Communication, Adaptability, Problem Solving, Toastmaster Public Speaking

RELEVANT PROJECTS: https://bk-alister.github.io/

Project Title: Stock Price Predictor App| 2024| https://github.com/BK-Alister/Stock_MASTER
- a web-based application using Streamlit to predict stock prices, leveraging Python's data science and machine learning libraries. Implemented real-time data retrieval from the Yahoo Finance API, visualized moving averages (100, 200, and 250 days)

Project Title: NBA AI Voice Assistant| 2024| https://github.com/BK-Alister/NBA-AI-Assistant
- Description: Developed a voice-enabled NBA expert assistant using Python, integrating real-time data for interactive responses. Utilizes OpenAI and Silero plugins for speech-to-text (STT), text-to-speech (TTS), and natural language understanding

EXTRACURRICULARS

National Society of Black Engineers (NSBE)
Robotics Club
AI Club
Clemson Women's Basketball Practice Player
Club Basketball
FinTech Organization
Zion Baptist Church Group
Dae Han Black Belt

Study Abroad Program: Mexico, May 2024
Locations: Merida, Campeche, Chichen Itza, Valladolid, Puerto Moreles