Alfred Lee

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Education

Clemson University   **Clemson, SC**

Bachelor of Science in Computer Science (GPA: 3.75)   Exp. Dec 2025

Skills

Technical: C, C++, C#, Git/Github, SQL, Mudblazor, .NET
Learning: Docker, Java, Javascript, React, Typescript, Azure, Figma

Experience

Clemson University Capstone Program - Capgemini   **Clemson, SC**
Software Developer   Aug 25– Present
- Working closely with Capgemini to define and present business value by discussing project scope to determine feasibility and pricings for tools to be used during development
- Coordinating with 5-person team to develop a system using AI/ML to count cases and assess conditions of physical inventory from forklift cameras using **.NET/C#**, **React**, and **Azure services**.
- Designing user interface prototypes for creating a responsive dashboard that would create visual alerts and data trends for real-time monitoring of key metrics using **Figma**.

Itron Inc.   **West Union, SC**
Fullstack Developer Co-op   Jan 23 – Aug 24
- Collaborated with senior developers and manufacturing teams to maintain a web application for tracking **500,000**+ electric meters across multiple plants.
- Developed multiple reporting services using ASP.NET, C#, SQL, and Mudblazor to monitor underperforming meters significantly improving test engineer efficiency.
- Restructured company codebase to address duplication of thousands of meters caused by duplicate serial numbers across manufacturing plants.

Clemson University   **Clemson, SC**
Undergraduate Teaching Assistant   Aug 22 – Dec 22
- Instructed students in learning Data Structures and Algorithms through lab sessions
- Communicated effectively with faculty and fellow teaching assistants to coordinate activities and ensure smooth class operations.
- Conducted bi-weekly office hours, providing assistance to students with course material.

Leadership & Activities

ACM - Association for Computing Machinery   Aug 23 – Aug 24
- Planned community events to cultivate a positive environment among peers
- Created professional development opportunities for undergraduate computer science students