

Alfred Lee

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Education

Clemson University

Bachelor of Science in Computer Science (GPA: 3.75)

Clemson, SC

Exp. Dec 2025

Skills

Technical: C, C++, C#, Git/Github, SQL, Mudblazor

Learning: Docker, Java, Javascript, React, Typescript

Experience

Clemson University Capstone Program - Capgemini

Clemson, SC

Software Developer

Aug 25– Present

- Worked 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
- Coordinated 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**.
- Designed 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

- Assisted 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.
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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

