



LinkedIn

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, Azure DevOps, Linux

Learning: Docker, Java, Javascript, React, Typescript, Azure, Figma, AWS, Python

Experience

Capgemini Capstone Project – Intelligent Warehouse System — Clemson University

Clemson, SC

Software Developer

Aug 25– Present

- Collaborating with a 5-person team and Capgemini mentors to define scope, align features with business value, and deliver a scalable warehouse solution
- Integrating front-end components with *.NET/C#* backend services and *Azure cloud tools* to support live camera feeds and AI-driven inventory analysis
- Designing and implementing **responsive dashboards** in *React* and *Figma* to display real-time alerts and inventory trends for warehouse operations

Itron Inc. – Web Application for Electric Meter Tracking

West Union, SC

Software Development Co-op

Jan 23 – Aug 24

- Collaborated with senior developers and manufacturing teams to enhance the functionality of a web application tracking over **50,000+** electric meters across multiple plants
- Developed and deployed reporting services using **ASP.NET, C#, SQL, and Mudblazor**, enabling real-time monitoring of underperforming and failing meters
- Restructured company codebase to address duplication of thousands of meters caused by duplicate serial numbers across manufacturing plants

Clemson University – Data Structures and Algorithms Course

Clemson, SC

Undergraduate Teaching Assistant

Aug 22 – Dec 22

- Instructed students in learning Data Structures and Algorithms through lab sessions
- Conducted bi-weekly office hours, providing assistance to students with course material
- Communicated effectively with faculty and fellow teaching assistants to coordinate activities and ensure smooth class operations

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