

Luke Bartholomew

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WORK HISTORY

Application Developer Intern

May 2023 – Present

McKee Foods Corporation, Collegedale, TN

- Rewrote an internal program used to track items used by employees in food production. Redesigned the architecture for the project and database. WPF, ASP.NET Core, Microsoft SQL Server.
- Coordinated with an agile team to rewrite a full-stack web app for McKee distributors to manage their stores. React, ASP.NET Core.
- Reduced technical debt by rewriting API to use new technologies used at McKee. ASP.NET Core.

Student Finance Assistant

August 2021 – May 2023

Southern Adventist University, Collegedale, TN

- Answered student questions relating to financial aid inquiries and assisted students in navigating university finance websites.

EDUCATION

Bachelor of Science in Computer Science

May 2024

Southern Adventist University, Collegedale, TN

GPA: 3.30

TECHNICAL SKILLS

Proficient: HTML5, CSS3, JavaScript, C#, ASP.NET Core, Microsoft SQL Server, Git

Familiar: React, REST, Node.js, Vue.js, Go, Python, Java

PROJECTS

Visualization of Memory Segmentation with Svelte

- Built a web app to visualize how memory segmentation is implemented in operating systems. Svelte, Tailwind, deployed to GitHub Pages.

Event Manager Web App in React/Express

- Built a full-stack web app for managing a conference with the ability to upload audio, video, and a handout for each session. Code hosted on GitHub. React, Tailwind, REST, Express.js, SQLite.

Card-based Workout App in Vue and Bootstrap

- Built a workout app that creates workouts for a user based on shuffling a standard card deck. Vue.JS, Bootstrap, deployed to GitHub pages.

Multiplayer Client/Server Card Game

- Built a multiplayer speed card game. Go, TCP, JSON.