Tadd Trumbull II

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EDUCATION

Southern Adventist University

B.A Computer Science *2022 - 2026*

- Expected graduation: May 2026

EXPERIENCE

Unum March 2025 – Present

Scholar Intern *Chattanooga, TN*

- Engineered a data automation pipeline using Python to extract business day information from Teradata and sync to an internal UI via GraphQL, eliminating manual entry for 700+ users
- Authoring SQL queries to extract and analyze financial metrics across multiple dimensions, delivering real time insights into customer needs
- Automated data transformation processes to deliver standardized reporting datasets and reduced manual overhead

Southern Adventist University June 2024 – August 2024

Software Engineer Intern *Collegedale, TN*

- Reengineered proprietary faculty planning and accountability tool using ASP.NET Core Blazor
- Assisted in modernizing UI/UX design of internal academic platform, utilizing C# and HTML
- Developed deeper competency and implementation skills related to server-side and client-side programming: fostered a dynamic environment for the application

PROJECTS

ArrayViz

- Developed a web application for visualizing search and sort algorithms for dynamic arrays utilizing React and TypeScript
- Designed a custom language for implementing different algorithms accompanied by real time visualization
- Enables users to create custom index variables binded to an array, step forward and back, and earn achievements based on time complexity and algorithm efficiency

FlowFinder

- Web application built with Python and Flask, interacting with the Spotify Web API via the ”Spotipy” library
- Provides users with insights into their Spotify usage, displaying basic statistics such as recently played songs, top tracks and artists, and profile interactions
- Utilizes Spotify API and algorithm to generate custom recommendations for users

CareerConnector

- Designed and implemented a job board platform empowering employers to manage job postings and streamline application reviews using ASP.NET and SQLite.
- Facilitated efficient job searching by enabling users to view, apply for, and filter listings based on criteria such as experience level and industry.
- Implemented employer management of job postings, applicant tracking, and streamlined application review.

TECHNICAL SKILLS

Languages: Python, C++, C#, C, Java, TypeScript, HTML5, CSS3, SQL

Frameworks/Tools: React, Tailwind CSS, ASP.NET, Blazor, Flask, Git, GitHub, Docker