Quinn Sweeney

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EDUCATION

University of Alabama — Tuscaloosa, AL
Bachelor of Science in Management Information Systems, Minor in Computer Science — *Aug. 2021 – December 2025*

EXPERIENCE

Software Engineering Intern — June 2025 – July 2025
Pinnacol Assurance — *Denver, CO*
- Created a versatile custom library called "Wizard" that streamlined multi step forms across all apps
- Migrated usage of the Places Autocomplete API from the old AutocompleteService class to the new AutocompleteSuggestion class
- Created custom Notistack Snackbars that conform to theming standards and increase functionality

Shipping and Receiving Student Assistant — October 2023 – Present
Supply Store — *Tuscaloosa, AL*
- Receive, sort, and stock incoming shipments, ensuring accurate inventory levels
- Inspect incoming products for damage and discrepancies, coordinating returns/exchanges
- Coordinate the return/exchange process with vendors, reducing customer complaints

Head of Media, Counselor — Summer 2022 & Summer 2023
Geneva Glen Camp — *Indian Hills, CO*
- Managed daily technological tasks including sound system operation and hardware upkeep
- Attended to campers with diverse health conditions, including asthma, diabetes, and celiac disease
- Provided supervision for campers, prioritizing their safety to create a safe environment

Server Assistant — August 2018 – August 2019
North County Restaurant — *Denver, CO*
- Cleared and reset dining tables, ensuring a clean and organized environment for guests
- Demonstrated strong attention to detail by cleaning and sanitizing dining areas, contributing to a hygienic and inviting atmosphere for patrons
- Collaborated with restaurant staff to promptly deliver food and beverages to tables, enhancing overall service speed and customer satisfaction

PROJECTS

SkiFinder | *React, Typescript, React Native, PostgreSQL, Supabase, Git, Expo, ExpressJS* — June 2025 – Present
- Designed and implemented a custom database to store ski areas as connected node-edge graphs
- Created a front end application that automates inserting data to the database, streamlining data insertion and preventing errors
- Created a data visualizer that lays the node-edge graph over a map, allowing admins inserting data to verify the coordinates of points
- Created front end and mobile applications that allow users to find the fastest route to their destination, displaying the route similarly to Google or Apple Maps

ACCESS Virtual Learning | *.NET, C#, ASP.NET Core, MySQL, Git* — August 2025 – Present
- Worked on a website that powers teacher evaluations for hundreds of teachers in Alabama
- Created dynamic export functionality, allowing supervisors to get custom CSV exports of completed evaluations
- Overhauled back-end functionality, improving the load time of pages by 50%
- Added email functionality, allowing evaluators to send teachers an email with a PDF of an evaluation automatically

TECHNICAL SKILLS

Languages: C#, SQL (Postgres), JavaScript, TypeScript, Java, HTML/CSS
Frameworks: React, React Native, Expo, Node.js, Jest, ShadCN, Material-UI
Developer Tools: Git, Google Cloud Platform, VS Code, Visual Studio, Postman, Eclipse, Supabase