

Caleb Rivera

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Education

Bachelor of Science in Computer Science University of Central Florida, Orlando, FL	Expected May 2026
Career Certificate in Database Application Development and Programming Lorenzo Walker Technical College, Naples, FL	May 2022 GPA: 4.0
Associate in Arts Florida Southwestern State College, Naples, FL	April 2022 GPA: 4.0

Skills

Languages: HTML, CSS, JavaScript, Node.js, TypeScript, C#, C, SQL
Frameworks: SvelteKit, Svelte, React, Next.js, Vue.js, Express.js, Tailwind CSS, tRPC, .NET Framework
Libraries: jQuery, Windows Forms
Database Systems: MySQL, MongoDB, MS SQL Server, PostgreSQL, Supabase, Firebase, Planet Scale
Tools: Git, GitHub, Prisma, Heroku

Experience

Tutor LWTC Digital Media/ Multimedia Design Career Program	Oct 2021 – May 2022
<ul style="list-style-type: none">Aided students in developing static sites using HTML and CSSWorked alongside the professor in educating students about core concepts in HTML and CSSInstructed students on how to create responsive layouts with CSS Flexbox and CSS GridEnabled students to transform their mockups into functional sites	

Projects

[Finance Viper](#) Svelte | Node.js | TypeScript | Web Sockets | Tailwind CSS | Twilio | Azure

- Winner of ShellHacks 2022's "Most Creative Use of Twilio" challenge**
- Implemented custom UI components, including a modal that displays a financial literacy question each time the player dies and a leaderboard that keeps track of the top 5 players with the highest score
- Animated UI components using CSS and Svelte's built-in transition library, making the site livelier and bettering the overall user experience of the game

[Astra](#) React | TypeScript | Firebase | Tailwind CSS

- A single-page application where users must log in with their Google Accounts to access a live chatroom
- Utilized for a presentation at my high school to showcase the Database Application Development and Programming career program at LWTC and to encourage first-year students to learn to program.
- Developed react hooks to handle user authentication and querying and subscribing to data from Firebase collections

[Book Store Management Site](#) Vue.js | Express.js | MySQL | TypeScript | Tailwind CSS

- A web application where users can manage books, customers, and loans in a book store
- Handled CRUD operations with Express endpoints and utilized Multer as a middleware to manage image uploads from the client

[Clinic Management Site](#) SvelteKit | TypeScript | MongoDB | Tailwind CSS

- A management site for a mock clinic where users must log in to manage patients, doctors, appointments, and users
- Created REST endpoints with SvelteKit to perform CRUD operations on a MongoDB database