

Caleb Rivera

calebrivera.dev | calebrossr@gmail.com | linkedin.com/in/calebrossr | github.com/LightBounded

EDUCATION

University of Central Florida

Bachelor of Science in Computer Science

Orlando, FL

Aug 2022 - May 2026

TECHNICAL SKILLS

Languages: HTML/CSS, JavaScript, TypeScript, C#, C, SQL (PostgreSQL, MySQL, MS SQL Server)

Frameworks: React, Next.js, Node.js, SvelteKit, Svelte, Vue.js, Express.js, jQuery, Tailwind CSS, Windows Forms

Tools: Git, GitHub, Firebase, Supabase, MongoDB

EXPERIENCE

Mentor

KnightHacks

Aug 2022 - Present

Orlando, FL

- Instruct mentees on core web technologies including HTML, CSS, and JavaScript
- Inspire mentees to build projects outside of their traditional coursework
- Provide mentees with plenty of resources for technologies they want to learn
- Advise mentees on how to find success in building projects and learning new technologies

Peer Tutor

Lorenzo Walker Technical College

Oct 2021 - May 2022

Naples, FL

- Aided students in developing static websites using HTML and CSS
- Worked alongside the instructor in educating students about core concepts in HTML and CSS
- Demonstrated how to create responsive web layouts with CSS Flexbox and Grid
- Enabled students to transform their mockups into functional sites

PROJECTS

Finance Viper | *Svelte, Node.js, TypeScript, Tailwind CSS, Twilio, Azure*

- Won ShellHacks 2022's "Most Creative Use of Twilio" challenge
- Developed and designed the front-end of an educational and multiplayer implementation of Snake
- Built UI components including a login page, 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 scores
- Animated UI components using CSS, Tailwind CSS, and Svelte's transition library, making the site livelier and enhancing the overall user experience of the game

Astra | *React, TypeScript, Firebase, Tailwind CSS*

- Developed a live chatroom application using React for the front-end and Firebase as a back-end service
- Used for a high school presentation to advertise LWTC's Database Application Development career program to first-year students and encourage them to learn to program
- Created custom React hooks to handle user authentication, querying data, and getting real-time updates
- Implemented a profanity filter to prevent users from sending explicit messages

Cline | *SvelteKit, TypeScript, MongoDB, Tailwind CSS, DaisyUI*

- Developed a full-stack web application with SvelteKit and MongoDB for a mock clinic
- Used the Felt form library with the Yup schema validator to handle complex client-side form validation
- Utilized the Mongoose ODM library to assure the validity and structure of the data in the MongoDB database
- Defined server routes with SvelteKit to handle HTTP requests and perform CRUD operations

Bookie | *Vue.js, Pinia, Express.js, MySQL, TypeScript, Tailwind CSS, Daisy UI*

- Developed a Vue.js single-page application that leveraged an Express.js REST API for a mock book store
- Handled CRUD operations with Express.js routing methods, which executed SQL commands with a MySQL client
- Utilized the Multer Node.js middleware to handle file uploads to the server from incoming HTTP requests
- Used the Pinia state management library to share global state across Vue.js components