

Raudy Brito

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EDUCATION

University of Central Florida

May 2026

Bachelor of Science in Computer Science

Current GPA: 3.86/4.0

Orlando Science High School (Dual Enrollment at UCF)

Aug 2019 - May 2023

Florida High School Scholar's Diploma

Final GPA: 5.12/4.0

Awards: 2x Dean's Honor List, AP Scholar with Distinction, Florida Medallion Scholar

SKILLS

Languages: HTML/CSS, JavaScript, TypeScript, Python, C, C++, SQL (PostgreSQL, MySQL), \LaTeX

Frameworks: React, Next.js, Node.js, SvelteKit, Svelte, Vue.js, Express.js, Bun, Tailwind CSS

Tools: Git, GitHub, Firebase, Supabase, Prisma, MongoDB, Planetscale, Stripe

PROJECTS

Quackademy VR | *Unity, C#, JSON, Github, Figma*

- Achieved 1st place in Microsoft's 'Mixed Reality Challenge' and 2nd place in Assurant's 'Digital Immersion Challenge' at Shellhacks 2023.
- Integrated 2D assets and interactive UI elements seamlessly into the 3D virtual classroom.
- Designed a user-friendly interface for teachers to customize virtual lessons and quizzes through JSON files.
- Utilized Unity XR technology and C# scripting to create an interactive and engaging environment for students.

Portfolio | *React, Bun, Vite, HTML/CSS, Typescript, TailwindCSS, Framer Motion*

- Utilized Framer Motion and TailwindCSS to add fluid and visually captivating animations to my portfolio, creating an engaging and interactive showcase of website designs.
- Developed an admin dashboard to quickly add new projects in from the client-side.
- Leveraged new industry features provided from Bun toolkit to enhance performance and cleanliness of code.

PlayShogi | *TypeScript, HTML/CSS, NextJS 12, Git, MongoDB Atlas, Prisma, TailwindCSS*

- Developed a full-stack web application for users to simulate Japanese Chess (Shogi) online.
- Integrated a Japanese open-source chess engine into the backend to handle move requests and game validation.
- Implemented a cloud DB through MongoDB Atlas to store user, match, and friend data with CRUD functionality.

EXPERIENCE

Mathnasium | *Lead Instructor*

Sep 2022 - Present

- Demonstrated leadership skills by overseeing and mentoring peer instructors, ensuring they provided high-quality math instruction to students.
- Fostered a supportive and motivating learning environment, resulting in notable improvements in students' math proficiency and overall academic performance.
- Collaborated with parents and local schools to develop individualized learning plans for students, ensuring alignment with their academic goals and objectives.

CAMPUS INVOLVEMENT & EXTRACURRICULARS

Knighthacks | *Fullstack Dev Team Member*

Jan 2023 – Present

- Developed an admin dashboard to track 1000+ UCF hackathon registrants and perform CRUD operations on all records
- Implemented new organization website design in React & TailwindCSS whilst migrating legacy code from Firebase to Azure

Science Olympiad | *Team Member*

Aug 2019 – May 2022

- Fostered a supportive and cooperative team environment, facilitating knowledge sharing and peer learning.
- Demonstrated exceptional problem-solving skills by solving complex science and engineering challenges during competitions.