

Bradley Fontineli Dantas



<https://dantasbradley.github.io/webPortfolio/>

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Summary

Dedicated student at UF, fueled by a passion for software development. Experienced in both front-end and back-end development, offering a versatile skill set to the table. Committed towards enhancing team dynamics through continuous learning, resolute dedication, and adaptable problem-solving. The consistent drive for improvement is channeled into refining coding proficiency and fostering personal growth.

Education

University of Florida (UF) - Gainesville, FL

July 2021 - (Anticipated) May 2025

- Bachelor of Science in Computer Science | Minor: Electrical | GPA: 3.34

Work Experience

Huntington Learning Center

April 2021 – May 2021

- Aided students with difficulty in English and Mathematics from the ages of 6 to 18.
- These sessions contributed to improved scores in college prep exams such as the ACT and SAT.

Projects

GatorXYZ

February 2022

- Developed the frontend with another colleague for an educational website tailored to children's needs.
- Used TypeScript to construct the following interactive educational games: Animal guessing, word search, memory, and math game.
- Utilized HTML, CSS, and Bootstrap to ensure a visually appealing and user-friendly dashboard, profile, and games.
- Created comprehensive front end test cases, ensuring the reliability and functionality of the website.
- Helped integrate the Angular frontend with the Golang backend, enhancing overall functionality by displaying and saving user data.

Minesweeper

July 2022

- Used the SFML framework to craft a captivating minesweeper game in C++.
- Implemented a button that initiates a new game with mines at random locations and created buttons for specific test cases.
- Added a toggleable debug mode, allowing users to visualize the mine placements on the grid.

Olympamatic

November 2022

- Helped develop a program in C++ that compares user input with a dataset of 13,500 Olympic athletes.
- Crafted a red-black tree from the ground up to boost data retrieval speed.
- Integrated the red-black tree into the codebase while working with my teammates to tackle any general concerns.

Skills

- **Programming languages:** C++, Java, Python, PHP, HTML, CSS, Typescript (Angular)
- **Database knowledge:** MySQL
- **Version Control:** GitHub, Replit
- **Certification:** AWS Certified Cloud Practitioner

Other

- **Hobby:** Brazilian Jiu Jitsu (BJJ)
- **Multilingual:** English and Portuguese
- **Award:** Fall 2022 College of Engineering Dean's List