

# 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
- Relevant coursework: Programming fundamentals 1 and 2, Discrete Structures, Data Structure and Algorithms, Intro to Computer Organization, Intro to Software Engineering, Operating Systems, Information and Database Systems 1

## 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

### E-commerce

June 2023 – September 2023

- Leveraged HTML, CSS, and Bootstrap to craft user-friendly product browsing, dynamic shopping cart, and purchase history.
- Engineered backend functionalities using PHP and MySQL to establish real-time inventory management.
- Implemented input validation, password hashing, and enforced strong password policies to enhance application security.
- Designed an admin portal to facilitate efficient product management and access to all user information.

### XYZGator

January 2023 – April 2023

- Developed the Angular frontend with another colleague for an educational website tailored to children's needs.
- Used TypeScript to construct interactive educational games: Animal guessing, word search, math, and memory game.
- Utilized HTML, CSS, and Bootstrap to ensure a visually appealing and user-friendly dashboard, login, and games.
- Created comprehensive unit testing with Cypress and Angular, 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.

### Olympamatic

November 2022 – December 2022

- Collaborated with colleagues to make a C++ program 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), MATLAB, 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