

# Dianneth Murillo

Orlando, FL 32801 | (239) 288-1842 | [dnmurillo@gmail.com](mailto:dnmurillo@gmail.com)  
[linkedin.com/in/dianneth-murillo](https://linkedin.com/in/dianneth-murillo) | [github.com/same-difference](https://github.com/same-difference) | [dnmurillo.com](https://dnmurillo.com)

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## Education

### University of Central Florida

May 2025

B.A. in Digital Media – Web Design

Minor in Computer Science, Minor in Creative Writing

Honors | President's Honor Roll – Fall 2023, Dean's List – Spring 2020, Spring 2024, Fall 2024

Affiliations | ColorStack, Rewriting The Code, Girls Who Code

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## Experience

### University of Central Florida

Sep 2024 – Mar 2025

Tutor

- Guided 7 recurring students through their web development programming fundamentals
- Facilitated tutoring sessions over multiple formats: in person, online, group, and one-on-one
- Delivered personalized instruction in HTML, CSS, JavaScript, PHP, and React Native

### Design & Code

Feb 2024 – Dec 2024

Event Coordinator

- Planned and led workshops covering topics ranging from *Figma to Backend Development*
- Coordinated and executed a semester-long event calendar with other officers

### Trading Card Game Knights

Aug 2022 – Mar 2024

President, Mar 2023 – Mar 2024. Treasurer, Aug 2022 – Mar 2023

- Managed a team of 13+ officers and organizers to run events for 7 in-club communities
- Secured a partnership with a local business for club supplies and a 10% discount for club members
- Hosted bi-weekly club events, personally responsible for sign-in, attendance, and entry fees

### Action Against Arden

Sep 2021 – Dec 2021

Movement Organizer

- Coordinated 2 advertising campaigns, 10 media interviews, and a televised protest
  - Wrote and maintained a press kit and [change.org](https://change.org) petition with over 100,000 signatures
  - Organized 12 team and individual meetings with local representatives and reporters
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## Projects

**GitAR** | Won 2nd Place Overall @ Knight Hacks 2024 | *Unity, Grokit, Meta XR SDK, C#*

- Won 2nd Place Overall at Knight Hacks 2024, surpassing 100+ submitted projects
- Created an interactive mixed reality guitar learning app for the Meta Quest 3
- Developed an accurate real-time pitch detection algorithm with 10-15ms latency

**AdvenTour** | React Native, Expo, TypeScript, PostgreSQL, Supabase, ESP 32, Arduino, C++

- Built a theme park day planning app with a companion smartwatch to avoid lines at parks
- Constructed the database schema for the project and wrote PostgreSQL functions for the data
- Integrated the watch with Supabase using raw HTTP headers and the Arduino framework

**The Lab** | WiNGHacks 2024 | *React, Redux, JavaScript, Tailwind CSS, Ink.js*

- Engineered a text adventure game using React for the visuals, Ink.js for the game logic, and Redux for state management
  - Utilized Tailwind CSS to create a responsive design and tsParticles to create a fun interface
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## Skills

Languages | *HTML, CSS, JavaScript, TypeScript, PHP, SQL, Python, C, Java, C#, C++*

Frameworks | *React, React Router, React Native, Expo, Node.js, Express.js, Tailwind CSS, Bootstrap*

Technologies | *Git, Figma, Vite, Linux, Docker, MySQL, PostgreSQL, Supabase, Framer Motion, Redux*