Dianneth Murillo

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Education

University of Central Florida   *Est. Grad | May 2025*
B.A. in Digital Media – Web Design
Minor in Computer Science, Minor in Creative Writing

Coursework | *Object Oriented Programming, Data Structures and Algorithms, Front-End Web Design,
 Client-Side Scripting, Server-Side Scripting, Mobile Development, Design for Accessibility and Engagement*
Honors | *President's Honor Roll – Fall 2023, Dean's List – Spring 2020, Spring 2024*
Affiliations | *ColorStack, Rewriting The Code, Girls Who Code*

Experience

University of Central Florida   *Sep 2024 – Present*
Tutor
- Helping students grasp programming concepts in JavaScript, PHP, React, and React Native
- Facilitating tutoring sessions over multiple formats: in person, online, group, and one-on-one
- Collaborating with professors to align tutoring with curriculum goals

Design & Code   *Feb 2024 – Present*
Event Coordinator
- Planning and leading workshops covering topics ranging from *Figma to backend development*
- Coordinating and executing 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 multiple advertising campaigns, interviews, and a televised protest
- Wrote and maintained a press kit and change.org petition with over 100,000 signatures
- Organized 12 team and individual meetings with local representatives and reporters

Projects

GuitAR | 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

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

Book Review Site | *HTML, CSS, PHP, mySQL*
- Created a basic CMS with 2 levels of users, with level determining access to CRUD operations
- Built multiple pages including an admin view, a public view, and a deletion confirmation

Skills

Languages | *HTML, CSS, JavaScript, TypeScript, PHP, SQL, Python, C, Java, C#*
Frameworks | *React, React Router, React Native, Expo, Node.js, Express.js, Tailwind CSS, Bootstrap*
Technologies | *Git, Figma, Vite, Linux, Docker, MySQL, Framer Motion, Redux*