

Nelson Diaz

Orlando, Florida

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About Me

Dynamic and results-driven tutor and beginner web developer with a proven track record in improving students' performance in middle school, high school, and college. As an aspiring entrepreneur, my leadership and organizational skills are evident in my drive during challenging moments and my focus on optimization. Years of experience in various programming languages, software development & web development tools, and educational tools. I am passionate about sharing coffee, learning, improving my programming/web development skills, and uplifting myself and those around me.

I want to contribute to the world by improving the internet while drinking coffee with as many people as I can.

Education

University of Central Florida

Orlando, FL

B.A., Computer Science

01/2024-12/2026

- Completed programming with C, Computer Science 1, and other advanced programming classes.
- Advanced Math Classes (Calculus, Discrete Structures, and others).

Broward College

City, State

A.A., Computer Science

08/2021-12/2023

- Programming with Java and C++.
- Microsoft Office; Excel, Word, and PowerPoint.
- English 1 & 2, Chemistry 1 & 2, Public Speaking, and others.

Experience

University Of Central Florida

Orlando, FL

Web Development Intern (20 hours/week)

08/2024-Present

- Mastered Web Dev. Fundamentals: HTML, CSS, JavaScript, and Web Accessibility.
- Gained proficiency in Adobe Creative Suite, WordPress, and command-line interfaces, completing projects with each.
- Led team projects and received feedback on collaboration and leadership skills.
- Conducted stakeholder interviews and surveys, delivering comprehensive reports to IT services.

ByND Tutoring; Tutoring side-hustle

Online/In-person

Website Project and Private Tutori (10 hours/week)

03/2022-Present

- Private tutor providing tailored 1-on-1 sessions, leading to significant grade improvements.

Minds at Play ([Link](#))

Bronx, NY

Tutor for general classes and SAT/ACT (10 hours/week)

01/2024-04/2024

- Created a simple, fast, and engaging website for the activity center.
- Implemented a cohesive and intuitive UI/UX design that increased the average influx of interest requests and new clients to the business.
- **Tools:** WordPress, Figma, Elementor, DigitalOcean, Playground

Smart Learning Families ([Link](#))

Online

Tutor for general classes and SAT/ACT (10 hours/week)

08/2022-Present

- Tutored in multiple subjects, enhancing student performance and engagement.
- Customized teaching plans and exercises, raising grade averages by 15-40%.

ASL to English Translator Project ([Link](#))

Miami, FL

Microsoft

08/2022-12/2022

- Developed a real-time sign language detector/translator using a webcam with a team of 4.
- **Tools:** OpenCV, Labellmg, Tensorflow Object Detection API, Python, VS Code, GitHub.
- Presented at the Miami Frost Science Museum to advocate for ASL communication tools.

Microsoft Sponsor Winner ([Link](#))

Miami, FL

Microsoft at Plutor Hacks, Broward College

08/2022

- Winner of Best Accessibility Hack and Microsoft Sponsorship.
- Designed and implemented project aspects, including HTML, logo, and content organization.
- **Tools:** Figma, Canva, Final Cut Pro, VS Code, GitHub.

Skills

- **Software/Technical** - WordPress, Elementor, Python, OpenCV, C Programming Language, Canva, Figma, **HTML (Certification)**, **CSS (Certification)**, **C+ (Certification)**, **Software Development Life Cycle (Certification)**.
- **Microsoft Office Suite (Experienced)** - Excel, Outlook, PowerPoint, and Word
- **Languages** - English (Native) and Spanish(Native)

References

- Maria from Smart Learning Families - smartlearningfamilies@gmail.com | +1-786-520-7256
- Nelson M. Diaz from Minds at Play - nediaz@gmail.com | 201-658-6639
- Denise Mendez, BSEE from Microsoft - LinkedIn: <https://linkedin.com/in/deniseamendez>