

# NELSON DIAZ

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## EDUCATION

**Bachelor of Science in Computer Science**, 2.7- December 2026

University of Central Florida- Orlando, FL

- C Programming, Object Oriented Programming with Java, Computer Science 1 & 2, Calculus 2, Discrete Structures, Computer Logic and Organization, and Security in Computing.

**A.A., Computer Science**, 3.2- December 2023

Broward College- Miramar, Florida

- Java and C++ Programming, Calculus 1, Chemistry 1 & 2, English 2, Public Speaking, Microsoft Office.

## WORK EXPERIENCE

University Of Central Florida| Orlando, FL

**Web Development Intern (20 hours/week)** August 2024 - Present

- Mastered Web Dev. Fundamentals; HTML, CSS, JavaScript, Web Security, and Accessibility. Also, further improved knowledge in Adobe Creative Suite, WordPress, and command-line interfaces.
- Conducted stakeholder interviews gathering requirements and needs for UCF web pages, boosting workflows and cross-team communication by 15%.
- Utilized ChatGPT for content refinement, Microsoft Teams for collaboration, Excel for data analysis, WordPress and Pantheon for site management, and Canva for visual assets.

Smart Learning Families (<https://smartlearningfamilies.com/>)| Bronx, NY

**SAT/FAST/General Tutor (15 hours/week)** August 2022 - December 2024

- Tutored in multiple subjects including; SAT, Math, Reading, and FAST. Grades 2nd - 12th.
- Strengthened student performance by an average of two letter grades and improved engagement.

Minds at Play (<https://mindsatplayny.com/>)| Bronx, NY

**Web Developer (10 hours/week)** January 2024 - April 2024

- Built and developed a responsive multi-page website for activity center. Optimized for performance and user experience through ease of use with loading times no longer than two seconds.
- Implemented a cohesive and intuitive UI/UX design increased average influx of interest requests and new clients to business by 25%.
- Utilized **WordPress** for easier access from stakeholders, Figma for prototypes, Elementor for ease of use for stakeholders, **DigitalOcean**, and Playground.

## ACADEMIC PROJECTS

Microsoft | ASL to English Translator with webcam

- Collaborated with team of four to create a pitch, working prototype, and website to present project in Frost Art Museum advocating for ASL communication tools.
- Leveraged tools Figma, Canva, Final Cut Pro, VS Code, and GitHub.

Pluto Hacks Hackathon | Microsoft Sponsor Winner

- Awarded team with best Accessibility Hack and **Microsoft Sponsorship**.
- Research on implementation of ASL to English translator for Microsoft HoloLens.

Tutoring ByND | Tutoring Business/Side-Hustle

- Developed tailored 1-on-1 sessions, leading to significant grade improvements.
- Customized teaching plans and exercises, **raising grade averages by 15-40%**.
- Designed posters, calls to action, and advertisement through Facebook and NextDoor with 10-20 clicks per day and 2-3 inquiries per week.

## TECHNICAL 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.