

Dieplam Nguyen

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Technical Skills

Programming

- CSS, HTML, Javascript, Python, Java, C, Marie (Assembly)

Programs

- Microsoft Powerpoint/Word/Excel, Adobe Photoshop, AWS, Virtual OracleBox

Projects

8-Part OS Management C Program

- Developed an OS Management program using a menu driven program to perform tasks of CPU scheduling, race condition, Banker's Algorithm, page replacement, disk scheduling, and memory management in an operating system
- Utilized dynamic partitioning algorithms in code to determine memory management program

Oracle VirtualBox

- Virtualization Project Feasibility Analysis using Excel with approximate cost benefit analysis for a server virtualization simulation at different load percentages and server amounts
- Navigated virtualization software to perform tasks from Fireshell, Powershell scripting, and Task Scheduling
- Implemented an active directory within the virtualization system
- Installed and connected to virtual network and localize domain users

Extended Style Document Guide

- Managed a team of writers with abstract management in a 2 month project deadline
- Developed chapters in the extended guide on document design and graphics
- Processed rough drafts through employer feedback and peer review

Website Projects

Interact Rotary Website (Creator)

- <https://whsinteract.carrd.co>
- Used containers, textboxes, and objects to create a functional website with interactive navigation systems
- Utilized <section> HTML code to separate different pages of different variables and objects, creating easier traversal for users and interactions

Cambridge Psych Core Studies Website (Creator)

- <https://12core.carrd.co/>
- An analysis of the 12 influential studies in general psychology, subject areas surrounding AP Psych curriculum
- Used two different web domains to convey the same overall theme, with different <section>s for each core study

Media Studies and Culture Interpretational Website (Creator)

- <https://representviets.carrd.co/>
- Simulation of an online quiz and informational blog
- Used travel objects in HTML to move back and forth through sections smoothly

Extracurriculars

Huong Hai Temple Buddhism Studies and Natural Preservation Aid (2020-2024)	<ul style="list-style-type: none">· Assisting monks with daily practice and duties· Prayer research and preparation of main temple· Tending garden and preserved land
Rotary Club Vice President (2022-2023)	<ul style="list-style-type: none">· Planned events with Rotary International· Worked among a board of executives to develop solutions for ongoing social events and business tasks· Collaborated with companies such as Firehouse Subs for donating towards Voluntary work

Education

Cambridge Medallion | Top 10% Graduate | Western Highschool (2020-2023)

B.S. in Information Technology | Spring 2027 | University of Central Florida (August 2023-Current)

Certifications

Testout IT Fundamentals Pro (2024)
LinkedIn Learning Project Management (2025)
AWS Cloud Security Foundations (2025)

Relevant Coursework

- Operating System Concepts (Spring 2024)
- Database Concepts (Fall 2024)
- Computer Science 1, Computer Architecture Concepts (Spring 2025)
- Topics in Cybersecurity (Fall 2025)
- Human Computer Interaction, Web-Based IT (Spring 2026)

Work Experience

Omega Nails Spa Receptionist (2021-2022) Cooper City, FL	<ul style="list-style-type: none">· Microsoft Excel spreadsheet and schedule creation· Customer response system through phonecall and walk-ins· Handling cash register and digital payment methods
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Tea Lab Team Member (2023-Summer 2025) Plantation, FL	<ul style="list-style-type: none">· Ingredient preparation and storage· Flavor profiling and creation of new menu items· Organized cleaning and preparation of business space
Happy Lemon Team Member (Fall 2025) Oviedo, FL	<ul style="list-style-type: none">· Handling of power wash tools and blast chiller· Drink and ingredient preparation· Communication with clients and franchise owners