HONG THY NGUYEN

Orlando, FL | ho125066@ucf.edu | [Portfolio](#) | [LinkedIn](#) | [GitHub](#)

EDUCATION

University of Central Florida   Dec. 2024
Bachelor of Science (B.Sc.) in Computer Science   Orlando, FL

- **Overall GPA:** 3.99/4.0.
- **Relevant Coursework**: Advanced Data Structures and Algorithms, Full Stack Development.
- **Awards:** Mayor Richard T. Crotty Transfer Scholarship, NSF Flit-Gap Scholarship.
- **Certificates:** AT&T Technology Academy 2023, The GWC Summer 2023 Bank of America Work Prep.
- **Security Competition**: WiCyS Security Training Scholarship – SANS BootUp Capture-the-flag.
- **Extracurricular Activities**: WiCys, Girls Who Code, Google Software Development Club @UCF, Hack @UCF.
- **Volunteer Experience:** NAC-NAPC Volunteer at The 2023 ICPC North America Championship.

EXPERIENCE

University of Central Florida   Aug. 2022 – Sep. 2023
Library Assistant

- Proficient in utilizing Microsoft Word, Excel, and PowerPoint for the systematic categorization of library materials.

Girls Who Code and Bank of America   Jul. 2023 – Aug. 2023
Work Prep Participant

- Selected to participate in a career readiness program focused on both technical and professional development workshops with senior leaders and engineers at Bank of America.

- Learned about Cyber Awareness, Cyber Careers in Financial institutions, Threat Landscape, Threat Detection, and concepts like 'phishing', 'vishing', and 'smishing'.

- Led a team of 10 computer science students to develop a cyber incident response plan for a hands-on cyberattack simulation, showcasing the application of theoretical knowledge in practical scenarios.

- Chosen as Closing Ceremony speaker out of over 125 participants in the program.

SKILLS

- **Languages:** Vietnamese (Native), English (Fluent).
- **Programming Languages:** C, Java, Python, HTML, CSS, JavaScript, TypeScript, PHP, C#, Sass.
- **Frameworks:** Next.js, React.js, Flutter, MERN Stack, LAMP Stack, NET.
- **Tools:** GitHub, Git, REST APIs, Postman, Firebase, MobaXterm, Heroku, Figma, Google Cloud.
- **Database:** MongoDB, SQL, NoSQL, Firebase.
- **Development Practices:** UI/UX Application Development, Server Logic Development, Product-driven Software Engineering, Agile, Scrum, TDD, SDLC, Relationship Mapping.

PROJECTS

ThyTechShowcase | Node.js, Next.js, React.js, Tailwind CSS, Resend, Vercel, Namecheap
[ThyTechShowcase GitHub Repo](#)

- A personal portfolio enhanced from a sample Next.js application, integrating personal design elements and information, utilizing Next.js for server-side rendering web framework, React.js and Tailwind CSS for a responsive user-friendly interface, Vercel for hosting, and handling efficient email management and automated response with Resend, improving in job searches, networking, and personal branding.

Wheel Deals | MongoDB, Express.js, React.js, Node.js, NoSQL, Figma, Flutter
[Wheel Deals GitHub Repo](#)

- Collaborated as the lead Web Frontend Developer in a team of 7 engineers to develop a website and mobile app for tracking popular cars and their depreciations, utilizing React.js and Bootstrap for a responsive and user-friendly interface, MongoDB for flexible and scalable data management, and working collaboratively with backend and mobile developers to ensure seamless integration and a consistent style across platforms.

Galatic Rolodex | Linux, Apache, MySQL, PHP, Figma
[Galatic Rolodex GitHub Repo](#)

- Collaborated as the lead Web Frontend Developer in a team of 5 engineers to construct a contact manager website, utilizing Figma, HTML, CSS, JavaScript and Bootstrap for a visually appealing space-theme UI, Postman for testing backend components, Git for version control, and working closely with backend developers to ensure successful

integration, enabling efficient unlimited contact management for users.

AcademicForce Manager | Java, OOP, List, ArrayList, Microsoft Visual Studio IDE

AcademicForce Manager GitHub Repo

- A comprehensive university management system built in Java with Object-Oriented Programming architecture, performing some operations such as managing information of different professions within a university, calculating tuition invoice and GPA for students, preventing duplications and invalid inputs, and producing a report of the university's record if the users want to retrieve stored data.

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