

# HONG THY NGUYEN

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

## EDUCATION

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**University of Central Florida** Aug. 2022 – Dec. 2024  
Orlando, FL

- Bachelor of Science in Computer Science, GPA: 3.99/4.0*

**Relevant Coursework:** Data Structures, OOP, Sorting and Path Finding Algorithms, Full Stack Development

**Extracurricular Activities:** WiCys, Girls Who Code, Google Software Development Club @UCF, Hack @UCF

**Security competition:** WiCyS Security Training Scholarship – SANS BootUp Capture-the-flag

**Certificates:** AT&T Technology Academy 2023, The GWC Summer 2023 Bank of America Work Prep

**Awards:** Mayor Richard T. Crotty Transfer Scholarship, NSF Flit-Gap Scholarship

**Volunteer Experience:** NAC-NAPC Volunteer at The 2023 ICPC North America Championship

## EXPERIENCE

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

- Selected to participate in GWC's three-week 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'.
- Workshops consisted of concept deep dives, hands-on applications, collaboration with peers, panels centered on Cybersecurity roles, and explorations of real-world applications.
- Led a team of 10 computer science sophomores/juniors to develop a cyber incident response plan for a hands-on cyberattack simulation, demonstrating the ability to apply theoretical knowledge to practical scenarios.
- Selected as Closing Ceremony speaker out of over 125 participants.

**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.

## SKILLS

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- Speaking Languages:** Vietnamese, English.
  - Programming Languages:** C, Java, Python, HTML, CSS, JavaScript, TypeScript, Go, 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:** Application UI/UX Sevelopment, Server logic Development, Product-driven Software Engineering, Agile, Scrum, TDD, SDLC, Relationship Mapping.

## PROJECTS

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**Personal Portfolio** | Next.js, React.js, Tailwind CSS, Resend, Vercel  
[thydoeswork.dev](#)

- Transformed and personalized components of a sample Next.js portfolio application to showcase individual style and incorporate personal information. The updated version is now hosted on Vercel with a custom domain.
- Ensured the website's responsiveness across diverse devices, aligning with the recent design modifications.
- Configured Resend to efficiently manage incoming emails and automate responses to senders.

**Wheel Deals Application** | MongoDB, Express, React.js, Node.js, NoSQL  
[GitHub Repository](#)

- Developed as the main Web Frontend Developer within a collaborative team of 7 computer science juniors to build a car commercial website/mobile app for users to track the latest trendy cars and their depreciations.
- Employed Figma to craft interface design for both the website and mobile app. Utilized expertise in Frontend Frameworks such as React.js and Bootstrap to create responsive user interfaces for the website.
- Built foundational structures and worked closely with backend developers to ensure successful integration between REST APIs and front-end components for the website.

## **Contact Manager Application** | Linux, Apache, MySQL, PHP

[GitHub Repository](#)

- Developed as the main Web Frontend Developer within a collaborative team of 5 computer science juniors to build a contact manager website for users to efficiently manage their contacts.
- Employed Figma, HTML, CSS, JavaScript, and Bootstrap to create a space theme and visually appealing user interface.
- Involved in the utilization of technologies such as Postman and Swagger Hub to manage APIs and endpoints, as well as leveraging GitHub functionalities to enhance project collaboration and version control.

## **University Personnel Management Program** | Java, OOP

[GitHub Repository](#)

- Coordinated a comprehensive university management program for dynamic data storage, retrieval, and sorted data based on user-specified criteria.
- Designed class hierarchies to efficiently manage shared attributes and methods, demonstrating a deep understanding of object-oriented design.
- Executed robust exception-handling mechanisms to ensure a seamless user experience and system reliability.