

# HONG THY NGUYEN

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## EDUCATION

<b>University of Central Florida</b> <i>Bachelor of Science in Computer Science, GPA: 3.9/4.0</i>	Aug. 2022 – Dec. 2024 <i>Orlando, FL</i>
<ul style="list-style-type: none"><li>• <b>Relevant Coursework:</b> Data Structures, OOP, Algorithms, Networks, Web-App Development. Parallel Distributed</li><li>• <b>Extracurricular Activities:</b> Google Software Development Club, Women in Cybersecurity, Girls Who Code, Knight Hacks @UCF, Hack @UCF.</li><li>• <b>Security competition:</b><ul style="list-style-type: none"><li>• WiCyS Security Training Scholarship – SANS BootUp Capture-the-flag.</li></ul></li></ul>	

## EXPERIENCE

<b>Girls Who Code and Bank of America</b> <i>Work Prep Participant</i>	Jul. 2023 – Aug. 2023
<ul style="list-style-type: none"><li>• Engaged in a comprehensive curriculum comprising technical and professional development workshops. Collaborated with senior leaders and engineers at Bank of America to enhance skills and knowledge.</li><li>• Led a team to develop a cyber incident response plan for a hands-on cyberattack simulation, demonstrating the ability to apply theoretical knowledge to practical scenarios.</li></ul>	
<b>University of Central Florida</b> <i>Library Student Assistant</i>	Aug. 2022 – Sep. 2023
<ul style="list-style-type: none"><li>• Proficient in utilizing Microsoft Word, Excel, and PowerPoint for the systematic categorization of library materials.</li></ul>	

## SKILLS

<ul style="list-style-type: none"><li>• <b>Programming languages:</b> C, Java, Python, HTML, CSS, JavaScript, TypeScript, Go, C#, Sass.</li><li>• <b>Frameworks:</b> Next.js, React.js, Flutter, MERN stack, LAMP stack, .NET.</li><li>• <b>Tools:</b> GitHub, Git, REST APIs, Postman, Firebase, MobaXterm, Heroku, Figma, Google Cloud</li><li>• <b>Database:</b> MongoDB, SQL, NoSQL, Firebase.</li><li>• <b>Concepts:</b> Agile, Scrum, TDD, SDLC, Relationship-Mapping, Schema, Cloud Computing.</li><li>• <b>Soft Skills:</b> Interpersonal Skills, Strong Communication Skills, Leadership, Critical Thinking, Collaboration, Time Management, Adaptability, Problem-Solving,</li><li>• <b>Development Practices:</b> application UI/UX development, Server logic development, Product-driven software engineering.</li></ul>	
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## PROJECTS

<b>Wheel Deals Application</b>   MongoDB, Express, REACT, Node, NoSQL <a href="https://github.com/OmarAlshafei/poosdBigProject.git">https://github.com/OmarAlshafei/poosdBigProject.git</a>
<ul style="list-style-type: none"><li>• Developed a car commercial application for users to track the latest trendy cards and their price distribution over various periods.</li><li>• Employed widely used frameworks to build user interfaces for both the website and mobile app.</li><li>• Implemented REST APIs to facilitate data transfer between the frontend, backend, and the database.</li></ul>
<b>Contact Manager Application</b>   Linux, Apache, MySQL, PHP <a href="https://github.com/NlsnBoa/Group-19-Small-Project.git">https://github.com/NlsnBoa/Group-19-Small-Project.git</a>
<ul style="list-style-type: none"><li>• Created a user-friendly contact management website hosted on a dedicated domain, allowing users to seamlessly log in and efficiently manage their contacts.</li><li>• 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.</li><li>• Utilized contemporary web development techniques to enhance the user experience, simplifying the process of adding, editing, and categorizing contacts.</li></ul>
<b>University Personnel Management Program</b>   Java, OOP <a href="https://github.com/thieng101/People-Management-Program.git">https://github.com/thieng101/People-Management-Program.git</a>
<ul style="list-style-type: none"><li>• Coordinated a comprehensive university management program for dynamic data storage, retrieval, and sorted data based on user-specified criteria.</li><li>• Designed class hierarchies to efficiently manage shared attributes and methods, demonstrating a deep understanding of object-oriented design.</li><li>• Executed robust exception-handling mechanisms to ensure a seamless user experience and system reliability.</li></ul>