

Ryan Pham

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SKILLS:

Software Skills: Java, C++, HTML, CSS, Excel, JSON, Python, C#, Linux, PostgreSQL, React, and Node.js
Honors: Dean's List (Fall 2022, Spring 2023)

EDUCATION:

University of Houston - Houston, Texas

December 2026

College of Natural Science and Mathematics

- Bachelor of Science in Computer Science
- Minor : Business Administration
- GPA 3.52

WORK EXPERIENCE:

Mandito's Tex-Mex - Waiter

April 2024 - February 2025

- Adjusted service pace to manage varying customer volumes while maintaining quality resulting in a 5% increase in customer intake.
- Coordinated with team members to ensure prompt and efficient drink service.
- Provided exceptional guest experiences through accurate order-taking and responsiveness to special requests.
- Resolved customer concerns quickly to ensure satisfaction and encourage repeat visits.

PROJECTS:

Library Interface: [VSCode](#), [C++](#)

- Created a command-line interface to manage library operations, including user login, book checkouts, and returns.
- Developed and structured core library components such as books, users, and transactions to ensure a personalized interface.
- Worked with peers to refine the user interface, improving usability, visual design, and the overall user experience through continuous feedback.

Student Petition Forms: [HTML](#), [JavaScript](#), [CSS](#), [PostgreSQL](#)

- Collaborated in a team of developers using Git for version control to create goals and meet project milestones on time.
- Integrated Microsoft login for secure user authentication, enabling role-based access for students and administrators accelerating log-in speed..
- Built an admin dashboard to review, filter, update, and manage petition statuses, streamlining administrative workflows.

4x4x4 Tic Tac Toe: [VSCode](#), [Java](#)

- Collaborated with peers by engineering algorithms to evaluate game states and create AI decision-making for competitive play
- Integrated multiple AI models alongside classmates to create the most effective implementation for 4x4x4 Tic-Tac-Toe.
- Designed and implemented a graphical user interface to display the 3D board to enable interactive gameplay.

Boba Bot: [PostgreSQL](#), [Python](#)

- Developed a Discord bot that utilizes Riot API in order to facilitate custom matches in League of Legends.
- Formulated a 'Boba Rank' system to ensure balanced team creation alongside a competitive leaderboard to increase user engagement.
- Implemented a 'Rank Checking' command for users to track their statistics over various matches.

Notes App: [React](#), [Node.js](#), [SQL](#)

- Created a full-stack notes application with a responsive UI that allows users to create, edit, and delete notes.
- Installed a dynamic color customization system, allowing users to personalize their workspace based on preference.
- Integrated backend functionality with Node.js to ensure secure and efficient data storage and retrieval.

LEADERSHIP AND COMMUNITY SERVICE:

Vietnamese Student Association: [IT](#), [Officer](#)

August 2022 - May 2025

- Engineered a 'Point Sheet' in excel to track attendance and activities for over 300 members reducing extraneous costs by up to 20%.
- Demonstrated communication and leadership in coordinating logistics with participants to ensure seamless event execution.
- Supervised Social Events Coordinators, by providing guidance on planning, organizing, and executing successful events, resulting in a 10% increase in attendance.

UH NMDP: [Member](#)

January 2025 - Current

- Worked with donors, transplant centers, and partners to find matching donors for patients with blood-related diseases.
- Volunteered at booths on campus to raise awareness and encourage students to join the bone marrow registry.