

# PATRICK DO

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## EDUCATION

**The University of Houston** Undergraduate, Bachelor of Science, Computer Science Dec 2025

## EXPERIENCE

**Moore Control System Inc** – *IT intern*; May 2023 - July 2024

- Facilitated Factory Acceptance Testing of Programmable Logic Controllers (PLCs) for diverse clientele, ensuring adherence to specifications and rigorous document control processes.
- Developed robust databases employing SQL to meticulously structure and manage data within tables, integrating comprehensive document control measures.
- Applied HTML and CSS methodologies to design and construct websites, ensuring optimal user experience and incorporating document control standards.
- Managed seamless migration of substantial data volumes from legacy databases to modern systems using M-Files, maintaining strict document control and data integrity throughout the process.

**Costco Wholesale** – *Front End*; May 2022 - February 2023

- Provided solutions to customer questions and complaints.
- Offering exceptional customer service to differentiate and promote the company brand.
- Communicated with team members to coordinate task completion under strict timeframes.
- Supported daily operations in a fast-paced retail environment, assisting hundreds of customers efficiently.

## PROJECTS

**Approval Workflow System** – *Internal Application*

- Developed a secure form approval system using Microsoft OAuth (Cougar ID authentication) to restrict access to UH-affiliated users.
- Created administrative dashboards for managing approvers, delegations, and monitoring form submission statuses
- Built role-based approval logic supporting unit-level and organization-wide approvers, with dynamic delegation features.
- Implemented comprehensive reporting tools with real-time filtering by unit, status, and date for operational transparency.

## LEADERSHIP EXPERIENCE AND ACTIVITIES

**Asian Business Students of America at The University of Houston (ABSA)** – *Active Member* September 2022 - Present

- Attend corporate events and build professional and soft skills.
- Networked among members and professionals to build connections.

**University of Houston Filipino Student Association (FSA)** – *Active Member* September 2021 - Present

- Worked directly with students in order to create a social setting acceptable in standard.
- Created networks with members to build connections and relations.

**Houston Gamma Beta Fraternity (GB)** – *Active Member* May 2022 - Present

- Raised over \$6,000 for Target Hunger to provide assistance to food insecure families.
- Responsible for planning and executing the Project Cure community service event with Gamma Beta.

## SKILLS

**Programming:** C++, Python, SQL

**Web Development:** HTML, CSS, Javascript, Django, Flask

**Tools:** Git, M-Files, LaTeX