

# Sujeeth Muruganandam

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## Experience

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**Student Assistant:**      **Office of Information Technology (UHCL)**      Houston, TX 8/2021 - current

- Maintained a network of over 100 computers across campus, enhancing system performance and reducing system downtime.
- Executed thorough testing on campus-wide equipment to proactively prevent technical issues and to ensure optimal performance, ensuring uninterrupted support for classes and academic operations.
- Assisted over 200 students with software guidance and technical troubleshooting, prompting a collaborative and efficient learning environment.
- Enhanced IT operations by contributing to software updates, network maintenance, and implemented new technology initiatives, improving overall efficiency.

## Projects

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**Smart Inventory Replenishment System:** Built a full-stack inventory web app using **Python**, **Flask**, and **SQLite** to simulate warehouse management. Features include **product search**, **low-stock detection**, and **add/edit/delete** functions using core **data structures and algorithms**.

**Personal Portfolio Website:** Designed and developed a responsive portfolio website using **HTML** and **CSS** to showcase personal projects, skills, and experiences. Features clean UI, contact section with icons, and hosted using GitHub Pages for easy access and visibility.

**AI Tic-tac-toe:** Developed in **python** using **Pygame** with ai difficulty levels and player vs player feature. The program runs in a main file where the screen is displayed, and the game loop runs and a secondary file where the Tic-tac-toe either is played on player vs player or ai vs player.

**Calorie calculator:** The program calculates calories based on input and suggests diet plans based on personal choice that are uncommon and appeal more to a niche. Ex (carnivore diets, animal based, paleo, etc.)

## Education

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Bachelor: Major in Computer Science

University of Houston Clear Lake      Houston, TX, 8/2021 - current

San Jacinto      Houston, TX, 6/2023 - 2024

## Skills

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**Technical skills:** Python, Java, Flask, SQLite, HTML/CSS, Git, Render

Excel, Power Point, Problem Solving, Critical Thinking, Adaptive Person, Communication, Team Player, Computer Skills, Microsoft Skills, Bilingual: Tamil and English