

# Alexia Simental

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## SUMMARY

Skilled software engineer specializing in crafting accessible and engaging websites. Proficient in front-end development, possessing strong capabilities in HTML, CSS, and JavaScript. Continuously learning and expanding my knowledge in emerging technologies. My focus is to join a dynamic web development team where I can leverage my skills to make an impact.

## EDUCATION

### *University of Houston*

Houston, TX

Bachelor's of Science in Computer Engineering Technology **December 2022**

## SKILLS

**Programming Languages:** Python, C++, HTML, CSS, MATLAB, JavaScript

**Libraries & Frameworks:** React, Bootstrap, Next.js, Node.js, Tailwind CSS, Anime.js

**Tools & Platforms:** GitHub, Netlify, Docker, Figma

**Additional Skills:** Fluent in English and Spanish; Strong problem-solving and analytical skills; Excellent communication and teamwork abilities.

## PROJECTS

### **Freelance Website Development, Loving Maggie's Daycare (May 2024 – Present)**

- Designing and developing a user-friendly website for Loving Maggie's Daycare using HTML, CSS, and JavaScript.
- Implementing online registration forms, photo galleries, and event calendars to create a communication portal to streamline operations between parents and caregivers.
- Collaborated closely with the daycare owner to ensure the website reflects the organization's values.

### **My Portfolio (February 2024 - Present)**

- Developed a personal portfolio website to showcase skills and projects, deployed it using Netlify services and GitHub.
- **Link to portfolio:** [alexiasimental.netlify.app](https://alexiasimental.netlify.app)

### **Anyx (Automated Drone), University of Houston (January 2022 – December 2022)**

- Engineered an autonomous flight control system for a drone, leveraging Linux-based platforms.
- Utilized MySQL to establish a database allowing the drone to access addresses for future deliveries enquired through the website.
- Enhanced drone navigation algorithms by incorporating GPS data, sensor inputs, and computer vision outputs, using OpenCV and a raspberry pi, resulting in precise and adaptive autonomous flight.

## WORK EXPERIENCE

### **Starbucks (January 2022 – September 2023)**

Houston, TX

#### *Shift Supervisor*

- Managed day to day operations to deliver quality service to customers.
- Delegated responsibilities amongst team members to ensure a healthy and productive work environment.

### **Service Corporation International (April 2018 – July 2021)**

Houston, TX

#### *Customer Support Intern*

- Managed customer accounts through phone calls and email, providing quality service in order to acquire customer satisfaction.
- Assisted in enhancing the customer support procedures and workflows to optimize efficiency and improve customer satisfaction.
- Helped develop and implement strategies for improving customer support response time and resolution rate.