

# Stellae Shuman-Thomas

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## Bio

Current undergraduate student looking for roles to leverage technical skills in, and is quick to learn in order to fill possible skill gaps. Has ample experience in customer-facing roles, and is skilled at communication, teamwork, and managing digital systems and records. Fluent in Spanish and proficient in French.

## Experience

2024 - 2026 **Resident Assistant @ The University of North Texas Department of Housing**

**Skills:** Administrative work, Communication, Conflict resolution, Crisis management, Customer service, Data entry, Presenting, Records management, Teamwork

**Technologies used:** Microsoft Office suite, Proprietary/In-house records management tools

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- Managed wing of over 30 residents as live-in staff
  - Performed on-call crisis intervention and conflict management
  - Organized events both alone and in a team with other staff members
  - Presented tour of residence hall to over 50 prospective students each Preview Day for 2 years in a row
  - Attended the Southwestern Association of College and University Officers' Student Staff Leadership Conference representing the university's housing department
  - Presented talk on building resilience at housing department training

2024 - 2024 **NASA MUREP Student Researcher @ Texas A&M Kingsville**

**Skills:** Data management, Data science, Presenting, Programming, Teamwork, Writing

**Technologies used:** Microsoft Office suite, Python

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- Participated in research program organized by Texas A&M Kingsville funded via a NASA MUREP INCLUDES grant to the university for the program
  - Worked under the supervision of Dr. Subbarao Yeliseti, Professor of Geophysics, with a team of 5 other undergraduate students from various institutions
  - Attended and presented at daily progress report meetings

- Researched the effects of gas hydrates on submarine landslides on the Cascadia Margin along the northern part of the US Pacific Coast
- Compiled findings into a written report and created a presentation for other participants in the program

2023 - 2024 **Student Research Assistant @ UNT Biomedical Engineering Department**

**Skills:** Data management, Data science, Presenting, Programming, System administration, Teamwork, Writing

**Technologies Used:** Arduino Uno, Boston Dynamics Spot, C++, EmotiBit, Figma, Git, GitHub, LiDAR, Linux, Microsoft Office suite, Python, Raspberry Pi 4/5/Nano

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- Aided PhD candidate Omar Cavazos in the research for his thesis: modifying and adapting a Boston Dynamics Spot robot to assist the elderly; overseen by Biomed Department head Dr. Vijay Vaidyanathan
  - Worked with a team of 7 other researchers on distinct yet interconnected tasks
  - Attended and presented at weekly progress report meetings
  - Wrote software in C++ to control the dog and integrate additional sensor functionality using an Arduino and Raspberry Pi
  - Created a Linux application to interact with the dog in a user-friendly way using Figma
  - Handled code and project organization using Git

## Publications

2025 **A Robotic Dog Payload for the Elderly**, American Society of Mechanical Engineers

*Syed Abdullah Imam, Omar Cavazos, Kendra Green, Stellae Shuman-Thomas, Akshay Sunkara, Vijay Vaidyanathan, Gurushayraam Venkatesan, Shuopu Wang*

## Education

2023 - Present B.S. in Computer Science, *The University of North Texas*

2019 - 2023 High School Diploma, *John Paul II High School*

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A digital copy of this resume can be accessed at [of-the-stars.net/resume/](https://of-the-stars.net/resume/) or by scanning the qr code.

