

Allen Thomas

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EDUCATION

TEXAS A&M UNIVERSITY

College Station, TX

Bachelors of Science - Computer Engineering

August 2024- May 2028

- **Honors:** University Honors Program, Engineering Honors Program
- **GPA:** 4.0

PROFESSIONAL EXPERIENCE

MICHAEL E. DEBAKEY VA HOSPITAL

Houston, TX

Medical Assistant

May 2023-August 2023

- **Assisted doctors** in the physical therapy department with treatments, assembling mobility aids, and keeping a sterile environment
- Worked mainly with veterans with an age range of **20 - 80** years old
- volunteered for over **112 hours**

STEEL CITY CODE, DULLES CHAPTER

Sugar Land, TX

Pioneering Member

November 2022 - May 2023

- Taught **code to middle schoolers** at Dulles Middle School
- Introduced them to the programming language **Java**, and helped them create their first programs

PROJECTS

SEAMLESS NEURAL ARTIFICIAL INTELLIGENCE CAPTURE

Aggie Coding Club

- **Collaborated** with a team to create a handheld device that identifies items selected by a user on a touch screen interface and provides an affiliate link for purchase, allowing for a **more efficient user experience** by automatically finding items the user is interested in.
- Used python libraries such as **sci-kit learn** and **onyx** in order to capture and isolate the image selected through user input, and implemented knowledge of the **raspberry pi** unit in order to create the handheld device.

RONIS DATA WEBSITE

Datathon

- Created a **website** that analyzed Roni's customer data to display vital business analytics. The analysis of toppings used allowed the business to **better prepare** their inventory and **save cost** on less liked toppings.
- Used **Mendix** to create the frontend and used machine learning to predict future orders. link:
<https://aggie100-sandbox.mxapps.io/index.html?profile=Responsive>

CABIN CONNECT | BEST USE OF CLOUDFLARE WINNER

TAMUHack

- Strategized with 3 teammates through a **24-hour development sprint**, implementing live pair programming via VSCode liveShare to achieve 100% completion ahead of deadline.
- Orchestrated judging Demo for 5 industry Experts, delivering **97% flawless Execution rate** through team presentation dry-runs.
- Purpose of the project was to create an infotainment system for airplanes with added features such as **in air watch parties and live chat** to provide a better experience for customers and **promote return** to the airline.

ADDITIONAL INFORMATION

- **Skills:** Python, Java, HTML, CSS, JS, C++ Public Speaking, CPR certified
- **Organizations:** Aggie Coding Club, Aggie Data Science Club
- **Languages:** Malayalam (Native Speaker), English (Proficient), Spanish (beginner)
- **Awards:** Best application of Cloudflare - TamuHack 2025, National Merit Winner, 1st place Speech and Interview USAD Districts -2023