

Tuyet Do

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🌐 sundial.city

Education

James W. Martin High School, Arlington, Texas

Class of 2026

- **GPA:** 4.22/5.0
- **Rank:** 186/858

Specialized courses:

- PLTW Introduction to Engineering Design, Computer Science Essentials
- AP Computer Science A (5), Precalculus (5) + PAP Computer Science I and III
- UTA Dual Credit: Introduction to Computer Systems, Introduction to Computers and Engineering

Work Experience

Hack Club

June 2025 - July 2025

- Helped organize Undercity, a 4-day hardware hackathon hosted at GitHub HQ for 166 high-schoolers from 75 countries (undercity.hackclub.com). Handled international logistics and a \$140k budget.
- Designed merchandise and decorations (hoodies, water bottles, stickers, postcards, felt patches, PCB art, posters, etc...)

Extracurriculars

Roboboat (MHS Seals)

2022 - 2025

- Wrote Python code in the ROS 2 framework to program an autonomous boat.
- Won Data & Discovery award (2025) and Succession award (2023)

Computer Science Club (Officer: 2025)

2022 - Current

- Helped organize HackMHS, an annual school hackathon with 50 high-schoolers in DFW.
- Helped host educational and recreational events

Cyberpatriot (Cisco Packet Tracer and network specialist)

2023 - Current

Cyberquest (Linux and web vulnerability specialist)

2024 - Current

National Art Honor Society

2023 - 2025

Girls Who Code/Warrior Women in Technology

2022 - Current

Arlington Amateur Radio Club (K5SLD)

2023 - 2024

Honors/Awards

- **Cyberpatriot 17** (2024): Semi-nationals competitor
- **Cyberpatriot 16** (2025): State-level competitor
- **Cyberquest** (2025): 1st in state
- **Cyberquest** (2024): 2nd in state
- **Daydream DFW** (2025): 1st place
- **AP Scholar** (2025)

Certifications/Skills

Certifications:

- OSHA 10-hour Construction License
- Technician Ham Radio License (callsign KJ5CYY)

Programming languages:

- Python, C, Java, HTML (Nunjucks), CSS (Sass), Javascript (Typescript), Forth

Frameworks:

- ROS 2 (Humble), Eleventy, Astro, Hugo

Software/Hardware:

- KiCad, FreeCAD, VSCode, Neovim, Helix
- Cisco Packet Tracer, Wireshark, Linux, Git/GitHub, Bash, Docker
- Blender, Krita, Aseprite