

Catherine Tan

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EDUCATION

University of Georgia

Athens, GA

BS in Computer Systems Engineering (GPA:3.9)

Graduation Date: May 2025

- Organizations/Awards: IEEE, SSS TRiO STEM-H, Society of Women Engineers, FIRST Robotics, AUDL/CUDL, VSA, FSA, KUSA, AASA, GMTA Outstanding Theorist (Level V)

LEADERSHIP EXPERIENCE

Atlanta/Columbus Urban Debate League (AUDL/CUDL)

Lead Coach/Official Judge

2015-Present

- Mentor 350+ students on adhering to Policy Debate etiquette, enhancing case arguments, improving articulation, and strengthening professional presentation skills.
- Instruct and coach teams who placed #1 in local and state events.
- Utilize Speechwire to service 100+ teams during official debate competitions and scrimmages, critiquing and advising their techniques which improves success by 60%.

FIRST Robotics (FRC/FTC/FLL)

Lead Data Analyst & Coordinator/Chairman's Award Presenter/Alumni Mentor

- Collaborated with senior management and partnered with Diamond-level sponsors such as Wavestone, DoDEA, and Automation Direct to fund our 3 robotics teams.
- Mentored junior team members for FTC who placed in the top 3 for regional and state competitions.
- Mentored elementary-grade members for FLL, and expanded our training and outreach internationally to Korea and Japan.
- Designed, edited, and developed our FTC team's brand name and logo.
- Documented raw data from 150+ teams in live competitions, recorded their total scores, penalties, points scored in 3 different tiers, and assessed strengths and weaknesses of more than 200 robots.
- Coordinated successful alliances with teams whose strategies and techniques complemented our expertise based on the data acquired.

UI/UX

User Interface Designer & Server Administrator

2020-Present

- Coded 2 personal servers shared with 30-35 people who supply feedback on its user interface, accessibility, convenience, and overall design aesthetic; the average rating being 9.7/10.
- Customize servers and create templates for users to create their own knowledge, data, and project management.

DIVERSITY INVOLVEMENT

Columbus Vietnamese Community/Vietnamese Student Association (VSA)

Dancer

2016-Present

- Cultural performer for the traditional Vietnamese conical hat dance (Múa Nón Lá) and umbrella dance.

Filipino American Association (FAA)/Filipino Student Association (FSA)

Dancer/Musical Performer

2016-Present

- Cultural performer for traditional Filipino dances: Tinikling, Kini Kini, La Jota Moncadeña, Sayaw sa Banko, and Singkil.
- Collaborated with the Polynesian Cultural Community in the traditional Polynesian Night performance
- Orchestrated and performed the violin for the events' background music.

SKILLS & INTERESTS

Skills: Java | Python | Matlab | Electronics | Adobe Premiere Pro | Photoshop | Flat.io | Speechwire | Notion | Vietnamese | Japanese

Interests: Programming, UI/UX, Data Analyzation, Public Speaking, Customer Service, Music Composition, Piano performance, Korean, Multimedia Editing, Typography