DRAKE JIANG

Mathematics · Computer Science & AI · Physics

Madison, Wisconsin | drakejiang10@gmail.com | Middleton High School, Class of 2029

EDUCATION

Middleton High School · Middleton, WI — Sep 2025 – Present

GPA: 4.0 unweighted · 4.143 weighted · Grade 10 · Class of 2029

AP Scores: AP Chinese (**5**, exam only) · AP Computer Science Principles (**5**) · AP Physics 1 (**4**, self-studied, exam only)

AP Coursework: AP Calculus AB · AP Computer Science A · AP Biology · AP Human Geography · AP Microeconomics · AP Macroeconomics

Honors: English 9, English 10, Biology, Chemistry, HIGAP B, Land People Power

PASSION PROJECTS

Medication Flower Vase for Older Adults — Aug 2026 – Present

Passion Project · Concept & design stage

- Designing a flower-shaped, 7-day pill organizer that helps elderly people take their medications on schedule.

HONORS & AWARDS

- **FBLA National Leadership Conference** – 8th Place in the nation, Introduction to Programming — 2026
- **FBLA Wisconsin State & Regional Leadership Conferences** – 1st Place at both, Introduction to Programming — 2026
- **Wisconsin State Chess Tournament** – Team Champion, Middleton HS Varsity (first title since 1970) — 2026
- **Science Olympiad, Madison Regional** – 1st Place Code Craze, 3rd Place Water Quality — 2026
- **Wisconsin Scholastic Grade-Level Chess Championship** – State Champion; 5th Place, K-12 State Tournament
- **Wisconsin Science Bowl** – 2nd Place in State (team)
- **President's Volunteer Service Award** – Gold, 3 times — 2021–2024
- **National Federation of Junior Festivals (piano)** – Superior rating, 9 consecutive years
- **International Youth Robotics Innovation Event, Beijing** – Team Spirit Star — 2024

ENRICHMENT PROGRAMS

Stanford AI4ALL · Stanford University, CA — Jul 2026

- Selective AI program for high school students covering AI concepts, research and ethics, with Stanford faculty and mentors.

Writing and Research in the Age of AI Academy · University of Pennsylvania, School of Arts & Sciences — Jun 2026

- Three-week residential academy on research methods, evaluating sources and academic writing in an AI-driven world.

UW-Madison Precollege Programs · Badger Precollege Chemistry (STEP) · CS Camp — Middle school

- Lived on campus for hands-on chemistry labs. In a week-long programming course, built an original program with user-facing functions.

WORK EXPERIENCE

Kumon Madison West · Madison, WI — Mar 2026 – Present

Tutor / Grader

- Grade students' daily math and reading work and help them work through their mistakes.

ACADEMIC COMPETITIONS & CLUBS

Future Business Leaders of America (FBLA) — Sep 2025 – Present

Member · Introduction to Programming Competitor

- With a partner, won **1st at Regionals (Feb 2026) and State (Apr 2026)**, then placed **8th in the nation** at the National Leadership Conference as a freshman.

Science Olympiad — Sep 2025 – Present

Team Member · Middleton High School

- **1st in Code Craze** and **3rd in Water Quality** at the Madison Regional (Jan 2026). Also competed at the Marquette and Wautoma Invitationals.

Science Bowl 3 years
Team Member · Middle & High School · 2nd Place, Wisconsin State

Math Team Sep 2025 – Present
Varsity 1 & Varsity 2 Teams · Madison Area Math League (MAML)

DECA Sep 2025 – Present
Member · District Conference, Entrepreneurship Team Event (Jan 2026)

CHESS

Middleton High School Chess Sep 2025 – Present
Varsity Board 3 · Chess Club Outreach

- Helped win the **2026 Wisconsin State Chess Tournament**, the school's first state title since 1970.

US Chess Federation (USCF) Tournament Player May 2022 – Present
Rating ≈ 1700 · 28+ rated tournaments · Grade-Level State Champion

SERVICE & TEACHING

Madison Fine Arts Chinese School Sep 2025 – Present
Chess Teaching Assistant · 4 hours every Sunday

- Co-teach beginner and advanced children's chess classes, and volunteer at Madison-area Chinese community events.

Tutoring For A Good Cause (TGC) Jul 2021 – Dec 2024
Online Math & English Tutor

- Taught math and English to K–8 students for **300+ hours**. Earned the Gold President's Volunteer Service Award 3 times.

ATHLETICS & ARTS

Middleton Youth Hockey Sep 2015 – Present
Forward / Center

- Eleven seasons of competitive ice hockey. Among the top scorers on the Bantam B team.

Middleton High School Cross Country Aug 2025 – Present
Junior Varsity Runner · Middle school varsity (2024–25)

- Ran 8 invitationals in 2025, including 14th place in the boys' White race at the 87th Annual Midwest Invite.

Piano — Wisconsin Federation of Music Clubs Apr 2017 – Present
JungWon Lim Junior Club (9 years)

- Superior ratings at National Federation of Junior Festivals, 9 years in a row. Performed at the 24th Sonatina Festival (2024).

SKILLS & INTERESTS

Programming: Python (CMU Graphics)
Science & Engineering: Engineering CAD · Data analysis
Languages: English (native) · Mandarin Chinese (fluent; AP Chinese 5; HSK Level 4)
Interests: Artificial intelligence & machine learning, mathematics, physics, medical technology, chess, ice hockey