

Maria Fujisawa

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Education

HIROO GAKUEN JUNIOR/SENIOR HIGH SCHOOL

Minato-ku, Tokyo

[GPA: 3.8/4.0 SAT: 1460]

2020-2026

Relevant Coursework: [AP Calculus AB, AP Physics C Mechanics, AP Calculus BC, AP Psychology, AP Computer Science A]

Experience

GMTC Japan

Tokyo

Cofounder/ Executive director

Sep 2024-

- Established a student-led organization focused on connecting high school students interested in engineering and robotics
- Participating in Science Agora 2025, a national science exhibition event held in Miraikan
- Projects: created GMTC website, and currently working on an arduino based rc car

KdEi research club

Researcher

June 2025-

- Conducting research on brain machine interfaces/ robots. Controlling a hexapod robot using EEG (brainwaves)

CHIBA UNIVERSITY

Nishi-chiba, Chiba

Student Researcher

Nov 2024-

- Researching brain machine interfaces and EMG supervised channel selection methods

YOUTH STEM INITIATIVE

Chiba, Tokyo

Scientific Researcher/ Japan Chapter leader

Apr 2024-

- Was chapter lead for the Japan chapter of Youth Stem Initiative, a scientific organization focused on connecting stem inspired individuals and publishing and promoting stem topics.
- Led weekly meetings,

MEDIUM

Remote

Scientific Writer

Nov 2023-

- Published 8+ articles on *Insights of Nature* and *Merging Synapses*, covering brain-computer interfaces and emerging neurotechnology.

FIRST ROBOTICS COMPETITION

Tokyo, Japan

Member

Nov 2024-

- Was part of FIRST robotics team **Yabusame Technology**, and participated in the 2025 hawaii regional competition

Skills & Interests

Technical: Neuroscience, Python, HTML,

Languages: English, Japanese

Interests: Brain machine interfaces, neurotech, coding, engineering, dance, volleyball

Awards

FedEx JA International Trade Challenge- National Champion, Grandfinalist (Top 6) for Asia Pacific round

Cognitive Hack Japan- 2nd place in female division, 7th place in the highschoolers division

Asuka Academy- Prudential Emerging Visionaries Volunteer spirit award