

Resume

Takahashi Tamao

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Education

University of Tsukuba, Ibaraki, Japan

B.S. in Computer Science

Major in Comparative Culture (April 2023 – August 2024)

Cumulative GPA: 3.66 /4.00

Undergraduate Thesis (Plan to write)

Relative Coursework

Cultural Studies Data Practice – A+; Calculus- A

Employment (Research)

spintec, CEA, Grenoble, France, April 2025 – July 2025

Research Assistant for Dr. Kevin Garelo, Research Engineer

- Explored and characterized SOT-MRAM at cryogenic temperature by analyzing using various methods.
- Explored and characterized SOT-MRAM at cryogenic temperatures using various analytical methods.
- Conducted experiments to observe and analyze device behavior.

Research Assistant for Dr. Jens Domke, Team Principal of the Supercomputing Performance Research Team in RIKEN (August 2025 – September 2025)

- Simulated and evaluated the computer architecture using SOT-MRAM

Teaching Experiences

Prince Eibei, September 2023 – August 2024

English Teacher

- Instructed junior high and high school students, successfully preparing them for English exams called “Eiken” – the most popular English test in Japan.
- Facilitated learning and play activities in an after-school program using English.

Honors and Awards

- 1st Place, Cultural Studies and Data Practice class analysis project (2024).
- Participant, Niigata Prefecture Wind Orchestra Competition (2019).
- Performer, Niigata Prefecture Ensemble Contest (2020).
- Certificate of CiC Study-Abroad Meister (2025).

Volunteer Experiences

Assisted at the Japan Association for Language Teaching Conference (2023):

- Provided reception services and venue guidance in English.

Extra-Curricular Activities

Club Activities

- Played baritone saxophone in the school music club (Grade 4 – Grade 11).
- Member of the management team, University International Exchange Club.

Field Work

- Assisted in the development of a new product using lens technology in Japan.