

Yuuta “Ethan” Tomooka

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EDUCATION

University of Wisconsin-Madison | Madison, WI

September 2023 – May 2027

Bachelor of Science: Computer Science (Intended)

- Certificate: Science Communication(Intended), Entrepreneurship (Intended)
- Relevant Courses: COMP SCI 400: Programming III, COMP SCI 639: Data Management for Data Science
- Dean’s List — 2024 Fall

National Institute of Technology, Kitakyushu College | Kitakyushu, Japan

April 2020 – March 2023

Information and Systems Engineering Track: Withdrawn after gaining High School Diploma

- Gold Award for Global Leadership: Chosen for exceptional leaders for their significant contributions to globalizing learning environments on campus and fostering cross-cultural understanding.
- Relevant Courses: Algorithms and Data Structures, Fundamentals of Engineering, System Programming

EXPERIENCE

atelier basi | Tokyo, Japan (Remote)

August 2024 – Present

Co-director & Mentor

- Conducted an online program for high school students in Japan applying to schools abroad
- Offered general sessions, creative workshops, essay editing, and personal consultations for their needs at no cost

NPO Ryugaku Fellowship | Kobe, Japan (Hybrid)

February 2024 – August 2024

Mentor for Ryugaku Caravan Trek

- Conducted future planning workshops with college students that helps high school students reflect on their future paths
- Hold the workshops at seven sites nationwide in Japan

National Institute of Informatics (NII) | Tokyo, Japan (Hybrid)

March 2022 – March 2023

Scholar of JST Global Science Campus Experts of Information Science

- Learned graduate-level Computer Science through lectures on CS Theory, ML, CV, NLP, HCI, and Robotics.
- Worked on research (Credibility Judgment Support System for Information on Social Media using Natural Language Processing) supervised by Dr. Sugawara, NII.

Ministry of Education, Culture, Sports, Science and Technology (MEXT) | Tokyo, Japan (Hybrid) May 2021 – March 2023

Student Staff of Sekaibu (Tobitate! Study Abroad Initiative)

- Passed a highly selective application process with an acceptance rate of approximately 5%.
- Managed social media and organized events.

Japan International Cooperation Agency (JICA) | Nampula, Mozambique (Remote)

July 2020 – September 2021

Project Director | KOSEN Open Innovation Challenge powered by JICA 2020

- Developed MZmap, a carrier radio wave visualization system for implementing an agriculture IoT system.
- Collaborated with JICA and Nippon Biodiesel Fuel Co., Ltd.
- Established a successful open innovation model and awarded the Prime Minister's Award

AWARDS AND SCHOLARSHIPS

Global Leaders Scholarship — \$380,000 full-ride scholarship from Sasakawa Peace Foundation (SPF) 2023 – 2027

Prime Minister's Award, Japan Open Innovation Prize — from Cabinet Office, Government of Japan 2023

Nomination into Youth Council of UNITAR Asia Pacific Program 2022

Yoshinori Fukushima Scholarship — 300,000 JPY scholarship for the Young Entrepreneur 2022

SKILLS & INTERESTS

Technical: Java, C, C++, Docker, Git, JavaScript, Scilab, HTML, CSS

Languages: Japanese (Native), English (Professional working proficiency)

Research Interests: Natural Language Processing, Misinformation, Disinformation, Cyber Security