

YUMA TAKAI

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🌐 <https://www.marufura.net/>

🌀 [marufura](#)

Education

Waseda University

Master of Computer Science

04 2022 – expected 04 2024

Shinjuku-ku, Japan

Waseda University

Bachelor of Computer Science - GPA - 3.47/4.00

04 2018 – 03 2022

Shinjuku-ku, Japan

Internship

First Loop Technology [↗](#)

06 2021 – present

Itabashi-ku, Japan

- Designed workflows that need a series of long processing using Argo Workflows and Docker.
- Developed an image blending program to generate synthetic data for training machine learning models.
- Ported several web pages from the internal server to the cloud using Firebase.
- Implemented approximately 80% of the entire system's API-related code.

Experience

Contributing to Chromium project

02 2022 – present

Researching the evaluation of Bug Localization techniques [↗](#)

04 2021 – present

- Bug localization is a technique for automatically searching for bugs.

Implemented a text-to-speech BOT that runs on discord [↗](#)

06 2021 – 07 2021

- Used discord.py in Python and VoiceText Web API.
- Working for more than 6 months in a personal community of friends and fellow meteorologists.

Created my own web site using HTML and SCSS. [↗](#)

02 2021 – 03 2021

- Published using Github Pages.
- Purchased a custom domain "marufura.net" and configured the DNS with CNAME records.

Planned 7 seminars in IEEE Eta Kappa Nu (Mu Tau Chapter)

08 2020 – 01 2022

- LaTeX(2 times), Git(2 times), AWS, Unity, Makefile
- Conducted for a total of about 100 students.

Classified Japanese climate [↗](#)

04 2020 – 08 2020

- Used agglomerative hierarchical clustering of scikit-learn from temperature and precipitation.

Leadership and Awards

Leadership Development Program (LDP) [↗](#)

09 2021 – 01 2022

- Received positive feedback from 4 out of 5 team members.
- Learned how to empower others to take leadership, not just myself.

DX Innovation Challenge [↗](#)

04 2020 – 11 2020

- Won 3rd place and JASA special prize.
- Managed the project as a leader in 5 members but used servant leadership with an awareness of approval and facilitation.
- Suggested the idea that connect company, school and student for promoting the leadership skills.

Certified as a weather forecaster in the 53rd examination

03 2020

Computer Skills

Language: C, C++, Python, JavaScript, shell script

Developer Tools: VS Code, Atom, PyCharm, IntelliJ IDEA, nano, Vim

Technologies/Frameworks: Linux, GitHub, Git, Docker, Argo Workflows, MongoDB, Nuxt.js, Next.js