Yuma Takai

5-19-10 Takiyama, Higashikurume-shi, Tokyo 203-0033, Japan

📞 +81-8098633000 ✉ marufura.work@gmail.com 🔖 https://www.marufura.net/ ⭘ marufura

Education

Waseda University	**04 2018 – expected 03 2022**
*Bachelor of Computer Science - **GPA** - 3.40/4.00*	*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.

Experience

Contributing to Chromium project	**02 2022 – present**

Developing Kanji Vocabulary Extraction Web App	**01 2022 – present**

- Compose of 13 members of Google Developer Student Club.
- Coding the backend part using FastAPI of Python.

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, shell script
Developer Tools: VS Code, Atom, PyCharm, IntelliJ IDEA, nano, Vim
Technologies/Frameworks: Linux, GitHub, Git, Docker, Argo Workflows, MongoDB