[redacted]

Nishi Tokyo, Tokyo, Japan

[redacted]

[redacted]

EDUCATION

The University of Tokyo

Apr 2021-Mar 2025

Bachelor of Engineering in Civil Engineering, Dept. of Civil Engineering, Faculty of Engineering (currently B3); GPA=3.5/4.0

ACADEMIC INTEREST

Data Science, City Planning, Geospacial information, Human Dynamics

SKILLS

Python (intermediate)

- **Tools**
  - SciPy, Scikit-Learn, Janome (Natural Language Processing Library of Japanese), PyTorch, Matplotlib, Seaborn, Folium, Dash, Plotly
- **Experience**
  - Web app creation with Dash (please see below for details) [REPOSITORY]

QGIS (intermediate)

- Experiences in a number of courses and projects
  - All kinds of basic analysis

Microsoft Word, Excel, and PowerPoint (proficient)

- Continuous use in course works

English (proficient)

[redacted]

- **IELTs** Overall Band 7.5 (W:6.5 R:9.0 L:8.0 S:6.5)

PROJECT EXPERIENCES

Municipality-Visu (Web Application)

Individual Project, Oct 2023-Mar 2024

- **Target**: Municipalities in Japan which do not know how to build attractive open data platform, and are in trouble letting their citizens be interested in them
- **Content:** Exhibitions of figures on politics and city features of Nishi Tokyo/ Figure drawing on users' uploading data/ Downloading figures in a JSON format
- **Acknowledgement:** Submission for Urban Data Challenge 2023 (Result is to be open by Mar 2024)

Group Seminar on Civil Engineering Ⅰ

A, Apr 2023-Sep 2023 (Semester Project)

- **Supervisor**: [redacted]
- Analysis of tourism in Susono (Yamanashi, Japan), analyzing smartphone GPS data of visitors with Python
  - Presentation at a local revitalization committee
  - Obtained insights: Basics of data analysis and trajectory visualization with Python, Trend of micro-tourism in Susono

Applied Project Ⅲ

To be graded, Oct 2023-Nov 2023 (Semester Project)

- Water hazard and evacuation simulation with Python, QGIS and MATLAB
- In a group of 5, played a main role in programming and data analysis.
- Obtained insights: The way of integrating geospatial data and numerical data, and how to effectively visualize them.

SUMMARY OF COURSES TAKEN

Statistics

- **Statistical Analysis Method** *A^+, June 2023-Aug 2023*
  - Mathematical method of hypothesis testing, MLR and factor analysis

Surveying Engineering

- **Spatial Information Engineering Ⅰ** *A, Apr 2023-Aug 2023*
  - Theory of surveying technology and GPS/ GIS