

Prof. Masaomi Kimura

Laboratory name

Data Science/Engineering Laboratory

Keyword

Data Analysis, Data Mining, Deep Learning, Machine Learning

Activities in the laboratory

In Data engineering laboratory,
new data analysis models and methods have been proposed,
and there are potential needs to evaluate them with a large size bench mark data.
Applicants are expected to make a bench mark data to evaluate data analysis models.

Eligibility-school year

- Third year undergraduate
- Fourth year or higher undergraduate
- First year master degree
- Second year or higher master degree
- First year doctoral degree
- Second year doctoral degree
- Third year or higher doctoral degree

Eligibility-student's major/fields

- Mechanical
- Chemistry
- Material
- Electrical
- Electronic
- Computer Science
- Lifescience
- Mathematical
- Civil Engineering
- Architecture
- Engineering and design

Required skills

Mathematical skills (analysis, linear algebra), programming skills (Python),
machine learning experience (artificial neural network, decision tree, SVM etc.)
and experience of data analytics with libraries
(scikit learn, scypy, tensorflow, keras, pytorch, etc.)

Desired skills (Preferred skills)

Statistics

URL: https://www.shibaura-it.ac.jp/en/research/lab/engineering/cse/masaomi_kimura.html

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