

Professor Name

Masaomi Kimura

Laboratory name

Data Science/Engineering Laboratory

Laboratory Website

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

Keyword

Data Analysis, Data Mining, Deep Learning, Machine Learning

Tasks 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.

Program period

At least 1 month

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, scipy, tensorflow, keras, pytorch, etc.)

Desired skills (Preferred skills)

Statistics

Eligibility-school year

- Bachelor 3rd
- Bachelor 4th or higher
- Master 1st
- Master 2nd
- PhD 1st
- PhD 2nd
- PhD 3rd

Eligibility-student's major/fields

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

