Sosuke Nishikawa

MACHINE LEARNING ENGINEER

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Personal Profile Statement

A master's student at the University of Tokyo with experience in software and machine learning. Skilled at operating in a wide range of platforms and programming. Praised for the ability to work hard and to achieve goals. Currently studying natural language processing using deep learning.

Education

- **Master's student in Information Science and Technology**, The University of Tokyo, Echizen lab. — *Apr. 2020 - Mar. 2022 (Expected graduation)*
- **B.E. in Electrical Engineering and Computer Science**, The University of Tokyo,Tsuruoka lab. — *Mar. 2020,GPA: 3.8/4.2*

Work and Research Experience

Echizen Lab, National Institute of Informatics   *Tokyo, Japan*
RESEARCH ASSISTANT   *Apr. 2020 - PRESENT*
- Research fake news and biased news

Studio Ousia   *Tokyo, Japan*
RESEARCH ENGINEER (PART TIME)   *Feb. 2020 - PRESENT*
- Research multilingual models

SONY   *Tokyo, Japan*
RESEARCH ENGINEER INTERN   *Sep. 2020 - Oct. 2020*
- Research on dialogue systems

Cookpad Inc.   *Tokyo, Japan*
SOFTWARE ENGINEER INTERN   *Sep. 2020 - Sep. 2020*
- developmented the API that predicts ingredients from recipes

Wantedly Inc.   *Tokyo, Japan*
SOFTWARE ENGINEER INTERN   *Aug. 2020 - Aug. 2020*
- developmented the model that recommends connections using graph embeddings

Stockmark Inc.   *Tokyo, Japan*
SOFTWARE ENGINEER (PART TIME)   *Dec. 2018 - Dec. 2019*
- Created web application that allows users to understand at a glance who is familiar with which fields

Publication

Analysis of bilingual word embeddings using pseudo corpus generated from Unsupervised Machine Translation
- NLP2020 (Japan)
- Sosuke Nishikawa, Yoshimasa Tsuruoka

Data Augmentation for Learning Bilingual Word Embeddings with Unsupervised Machine Translation
- arXiv preprint
- Sosuke Nishikawa, Ryokan Ri and Yoshimasa Tsuruoka

Studio Ousia at the NTCIR-15 SHINRA2020-ML Task
- 15th NTCIR Conference
- Sosuke Nishikawa, Ikuya Yamada

Award

JGC-S scholarship foundation
  Scholarship for study abroad program.

Competences

Languages	Japanese ($native$), English ($conversant$, IELTS 6.0)
Programming	Python, JavaScript/TypeScript, d3.js, Ruby, C/C++, LaTeX, HTML/CSS, MySQL, Google Apps Script
Libraries	Pytorch, Chainer, Tensorflow, Docker
Competitive prog.	Atcoder sosuke115 (rate 1003)