Mengsay LOEM

Master's Student in Computer Science

EDUCATION

Tokyo Institute of Technology, Japan
Master's Student in Computer Science
Graduate Major in Artificial Intelligence
April 2022 – March 2024

Tokyo Institute of Technology, Japan
Bachelor of Engineering in Computer Science
April 2020 – March 2022

National Institute of Technology Kagoshima College, Japan
Associate of Information Engineering
April 2017 – March 2020

SKILLS

Technical
Python
C/C++
Linux-Bash
Git
PyTorch
Django

Language
Khmer (Native)
English (Fluent)
Japanese (Fluent)

INTERESTS

Mathematics, Coding & Algorithms, Linguistics, Reading, Traveling, Blogging

CONTACT

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Yokohama, Japan 2300015
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WORK EXPERIENCE

Research Assistant: **Tokyo Institute of Technology**, Japan, December 2021 –

- Summarization
- Text Generation
- Neural Language Model

Technical Staff: **Novitas Inc.**, Japan, November 2020 – March 2022

- Computer maintenance

AWARDS

Sato Yo International Scholarship [2022]
Sato Yo International Scholarship Foundation

Academic Excellence Award [2020]
The Institute of Electronics, Information and Communication Engineers Kyushu Section Award (Japan)

Best Graduation Research Award [2020]
President's Best Graduation Research in Kagoshima College (Japan)

Japanese Government (MEXT) Scholarship [2016]
College of Technology and Undergraduate courses (Japan)

Outstanding Award for the presentation of Exhibit [2016]
The 10th Regional Congress Search for SEAMEO Young Scientists (Malaysia)

PUBLICATIONS

Mengsay Loem, Sho Takase, Masahiro Kaneko, Naoaki Okazaki. Extractive Summarization and Paraphrasing as Data Augmentation for Abstractive Summarization. In 28th Annual meeting of the Association of Natural Language Processing (NLP2022). (To appear).

Mengsay Loem, Sho Takase, Masahiro Kaneko, Naoaki Okazaki. ExtraPhrase: Efficient Data Augmentation for Abstractive Summarization. In 13th Language Resources and Evaluation Conference (LREC 2022). (Under review)

Mengsay Loem, David Taingngin, Chan Oeurn Chey, Meak Kamerane. A Design of Low Cost and High Performance Speed Detector Combining Digital Camera and Photo-resistive Sensor to Contribute to Traffic Accidents Reduction in Cambodia. Youth Innovation for Sustainability, SEAMEO RECSAM, 2016.