

# Mengsay Loem

Email: [mengsaylms@gmail.com](mailto:mengsaylms@gmail.com)

<https://github.com/loem-ms>

## EDUCATION

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- **Tokyo Institute of Technology** Tokyo, Japan  
*Master of Engineering - Artificial Intelligence* April 2022 - Present  
*Courses:* Advanced Machine Learning, Cybersecurity, Data Engineering, Practical AI and Data Science
- **Tokyo Institute of Technology** Tokyo, Japan  
*Bachelor of Engineering - Computer Science; GPA: 3.79* April 2020 - March 2022  
*Courses:* Artificial Intelligence, Machine Learning, Data Structure and Algorithms, Databases
- **National Institute of Technology, Kagoshima College** Kagoshima, Japan  
*Associate of Engineering - Information Engineering* April 2017 - March 2020  
*Courses:* Operating System, Information Theory, Numerical Analysis, Computer Architecture, Computer Network

## SKILLS SUMMARY

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- **Languages:** Khmer (Native), English, Japanese
- **Programming:** Python, C++
- **Frameworks:** PyTorch, Fairseq, Keras, Django

## EXPERIENCE

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- **Tokyo Institute of Technology** Tokyo, Japan  
*Research Assistant* Dec 2021 - Present
- **Novitas, Inc.** Yokohama, Japan  
*Computer Maintenance Staff* Nov 2020 - Present

## HONORS AND AWARDS

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- **Sato Yo International Scholarship** Apr 2022 - Mar 2024  
*Sato Yo International Scholarship Foundation* Japan
- **Award for Academic Excellence** Mar 2020  
*Institute of Electronics, Information and Communication Engineers* Japan
- **President's Award for Best Graduation Project** Mar 2020  
*National Institute of Technology, Kagoshima College* Japan
- **MEXT Scholarship** April 2016 - March 2022  
*Japanese Government* Japan
- **Outstanding Award for the presentation of Exhibit** Feb 2016  
*The 10th Regional Congress Search for SEAMEO Young Scientists* Malaysia

## PUBLICATIONS

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- Mengsay Loem, Sho Takase, Masahiro Kaneko, Naoaki Okazaki. ExtraPhrase:Efficient Data Augmentation for Abstractive Summarization. In Proceedings of the 2022 Conference of the North American Chapter of the Association for Computational Linguistics: Student Research Workshop, Seattle, July 2022.
- Mengsay Loem, David Taingnngin, 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.