

# Aung Ko Ko Oo

Kobe, Hyogo, Japan  
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## RESEARCH INTERESTS

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Artificial Intelligence, Machine Learning, Computer Vision, Natural Language Processing (NLP), Robotics, and Human-Robot Interaction (HRI).

## EDUCATION

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**University of the People, USA**

*Bachelor of Science in Computer Science*

Graduated with Honors, GPA: 3.8 / 4.0

May 2027

## INSTITUTIONAL LEADERSHIP

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**Burmese Artificial Intelligence Research Institute (BAIRI), Japan**

*Founder & Lead Researcher*

2025 – Present

- Established and direct an independent research institution focused on advancing foundational artificial intelligence frameworks and computational tools optimized for the Burmese language ecosystem.
- Lead structural initiatives merging deep sequential modeling, data-augmentation pipelines, and intelligent tutoring systems to address core technical gaps in low-resource research domains.

## PUBLICATIONS

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Aung Ko Ko Oo. (2026). *"Integrating Natural Language Processing with Deep Knowledge Tracing in Intelligent Tutoring Systems for Low-Resource Languages: A Case Study on Burmese STEM Curricula."* Research Square (Preprint).

DOI: 10.21203/rs.3.rs-9991485/v1

## CERTIFICATIONS

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**CS50's Introduction to Programming with Python**, Harvard University (edX)

2025

Validated core concepts in procedural programming, object-oriented design, exception handling, and algorithm testing using Python.