

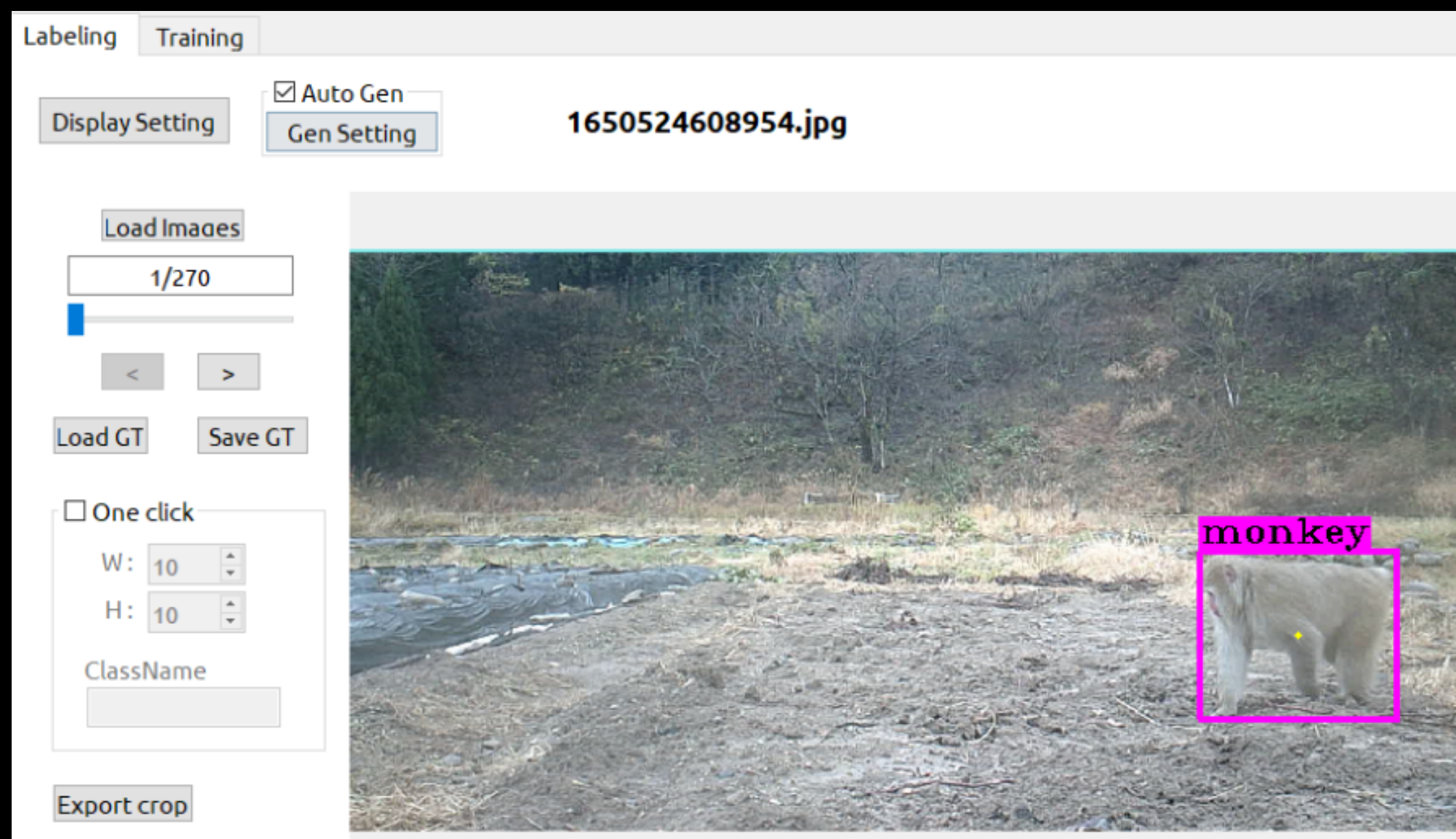


HAKUSAN MONKEY

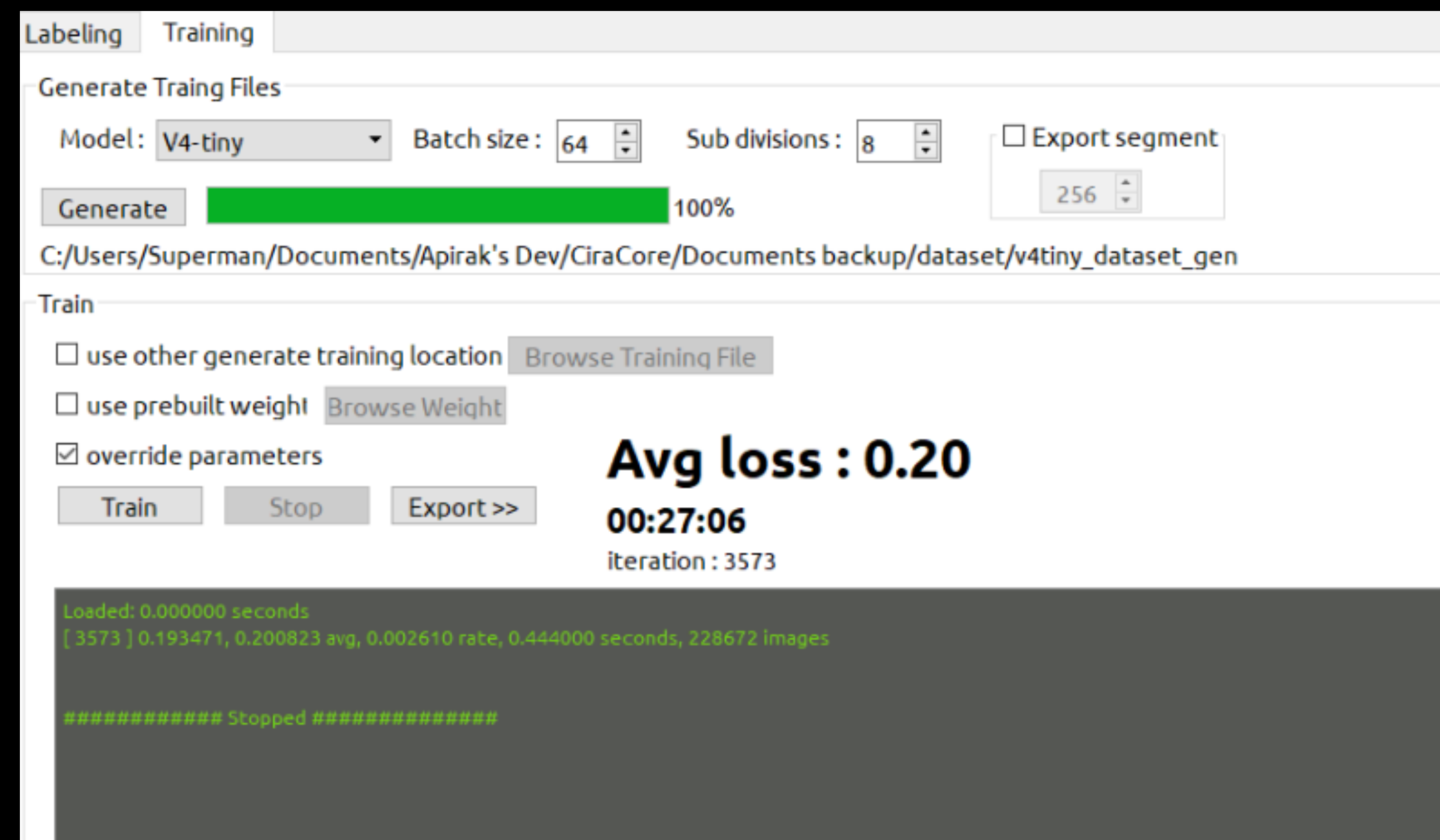
Deterrent Project for AI Learning Platform

Hayato Ogawa, Apirak Sang-ngenchai | Minoru Nakazawa

Kanazawa Institute of Technology / International College of Technology hakusanroku campus



Labeling



Model Training



Detection

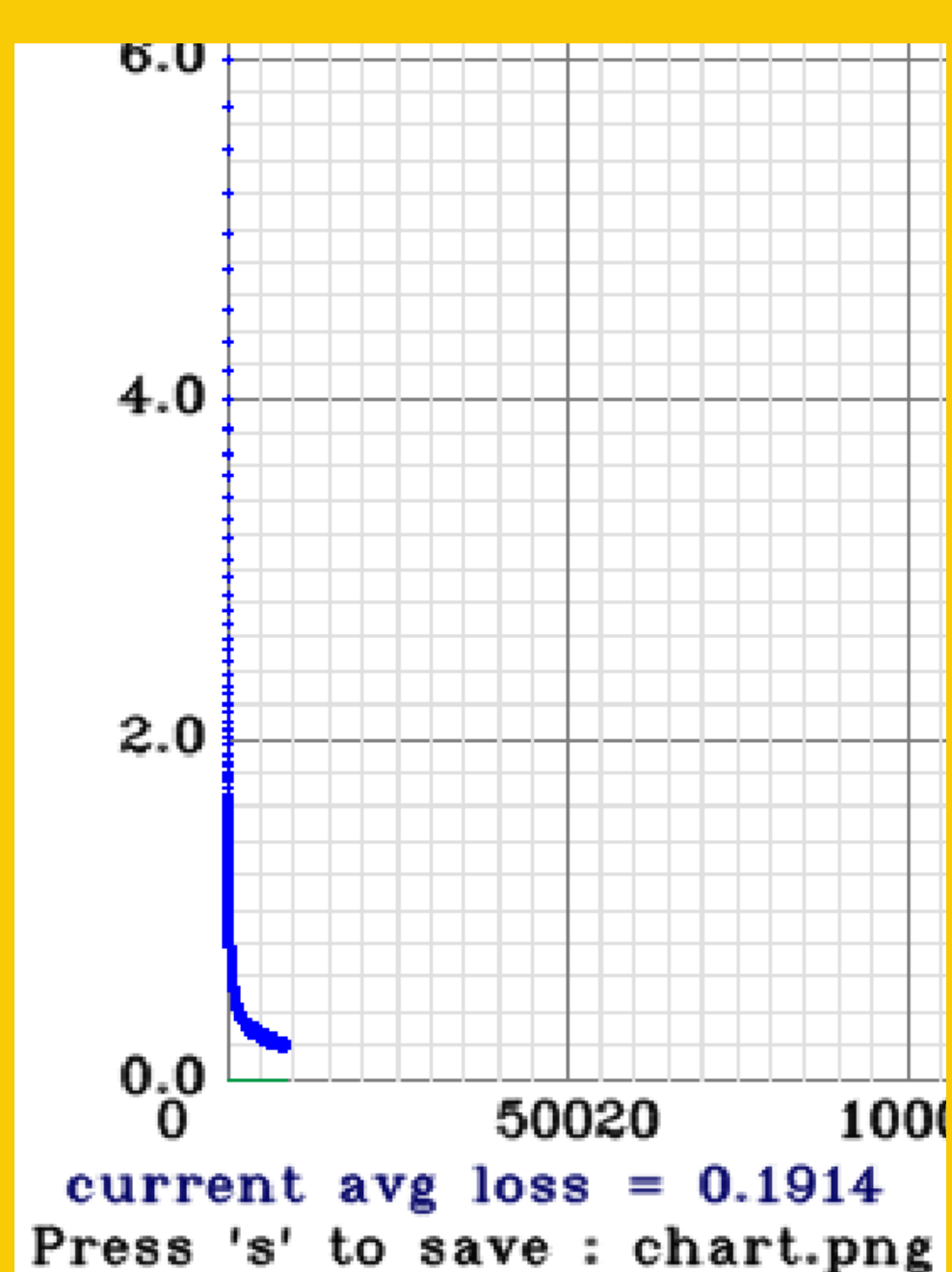
Creating Educational material to introduce and experience AI system programming and configuration to young students.

Project Overview

The project was created during the Engineering Design 2A class Design thinking project. Students interviewed local farmers and caretakers of fields around the campus and found a common issue with Monkeys. Typical fences and electrified fences did not deter the monkeys, and farmers would lose a portion of the produce.



Current model with 3 categories



Observations

- There are often False notifications from the system due to poor image quality and contrast. More training will have to be done.
- Young students ages 16 -18 years old can easily navigate CiRA CORE, use modules, and add features.

Conclusion

- CiRA CORE allows the Facilitator and Professor to quickly connect hardware to software through the network.
- CiRA CORE allows students to train, create models, and execute image recognition on one interface.
- CiRA CORE allows for easy programming and execution.

Works Cited

- CiRA Automation and Technology Co., Ltd
- King Mongkut's Institute of Technology Ladkrabang (KMITL)
- Line Application image