

Vissuta Gunawan Lim

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RESEARCH INTERESTS

Computer Science student at the University of Indonesia working on **AI for low-resource languages and low-resource clinical settings**. On the language side, I work on **evaluation for multilingual LLM agents**, building benchmarks that test tool-agent-user interaction in Southeast Asian languages beyond English-centric assessment. On the vision side, I work on **automated radiology report generation from 3D CT volumes**, developing models that stay clinically reliable under real hospital compute constraints. What connects both is a focus on **making capable AI work where compute, data, or language resources are scarce**. I am especially interested in the **evaluation and benchmarking of LLMs and agents**, **medical vision-language models**, and the **accuracy-efficiency trade-offs** that decide whether AI is deployable in the real world.

EDUCATION

Bachelor of Computer Science

University of Indonesia

Jun 2023 – Dec 2026 (expected)

Depok, Indonesia

- Cumulative GPA: 3.82/4.00 (6 semesters completed)
- Relevant Courseworks: Calculus, Discrete Mathematics, Linear Algebra, Statistics & Probability, Introduction to AI & Data Science, Computer Vision

PUBLICATIONS & PREPRINTS

- My Chiffon Nguyen, Aulia Adila, Saksorn Ruangtanusak, Kittiphat Leesombatwathana, **Vissuta Gunawan Lim**, Patomporn Payoungkhamdee, Samuel Cahyawijaya. **SEATauBench: Progressively Adapting Tool-Agent-User Evaluation Into Low-Resource Southeast Asian Languages**. *Findings of the Association for Computational Linguistics: EMNLP 2026* (to appear). [arXiv:2606.28715](#).

RESEARCH EXPERIENCE

AI Researcher, *Apprenticeship*

SEACrowd

Jan 2026 – Jul 2026

Remote

- Co-authored **SEATauBench**, the **first agent-focused evaluation framework for SEA sovereign AI**, adapting τ^2 -**Bench** across progressively localized settings (conversation language, tool specifications, task domains) to address the English-centric gap blocking reliable agent evaluation for SEA deployment
- Benchmarked open- and closed-weight **LLMs** (Qwen3-235B-A22B, Kimi K2.5, GPT-5-mini) on **tool-agent-user interaction** across Mandarin, Vietnamese, Thai, Indonesian, and Filipino, showing agent performance degrades sharply as task context is localized

Computer Vision Researcher, *Internship*

MLCV Lab, Faculty of Computer Science, University of Indonesia

Jan 2026 – Present

Depok, Indonesia

- **Undergraduate Thesis** (Jul – Dec 2026): working towards a **generalist 3D CT automated radiology report generation** model spanning multiple anatomical regions, including **thorax** (lung nodules), **abdomen** (kidney stones), and **brain** (hemorrhage), unified by the shared CT modality
- Assembling and curating a **private institutional clinical CT dataset**; surveying **3D backbones** and **image-to-text methods** (encoder-decoder, VLM-based) and defining the evaluation setup under joint **clinical-accuracy** and **compute** constraints, prioritizing designs deployable in **resource-limited hospitals**

REFERENCES

Samuel Cahyawijaya, S.T., M.Sc., Ph.D.

Mentor, SEACrowd

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Cohere

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Patomporn Payoungkhamdee, M.Sc.

Mentor, SEACrowd

PhD Candidate

VISTEC, Thailand

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