

Apivich Hemachandra (Kaotoo)

PhD Student in Computer Science

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This CV was last updated on April 26, 2023. A more updated version may be found on <https://apivich-h.github.io/cv/cv.pdf>.

Education

**2021 - Present, Graduate Studies (PhD), School of Computing
National University of Singapore, Singapore**

- Under supervision of Bryan Low Kian Hsiang
- Research area on deep active learning

**2016 - 2020, B.Sc. in Physics (with minors in Computer Science and Mathematics)
Mahidol University International College (MUIC), Thailand**

- Cumulative GPA of 3.99 out of 4.00 (First-Class Honours).
 - Received Academic Achievement Awards in 2017, 2018 and 2019.
 - Also was an exchange student at University of Wisconsin-Madison during Fall 2018 (during my 3rd Year of university).
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Publications

1. Training-Free Neural Active Learning With Initialization-Robustness Guarantees.
Apivich Hemachandra, Zhongxiang Dai, Jasraj Singh, Kian Hsiang Low and See-Kiong Ng.
ICML 2023. Acceptance rate: 27.9%.
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Work Experience

August 2020 - present, Data Analyst, The Gang Technology Co. Ltd., Thailand

- Work on projects outsourced from PTTEP (a Thai petroleum extraction firm), that involves data analytics and decision making under economic, physical or geographical constraints.
- Also have done short-term projects with the same company during my 3rd and 4th Year of study.

August 2019, Research Internship, Vidyasirimedhi Institute of Science and Technology, Thailand

- Worked on project focusing on natural language processing, which was eventually incorporated into my senior thesis.

2018 - 2020, Teaching Assistant

- TA in freshmen-level physics and computer science classes including Data Structures (T3 2018-19, T1 2019-20) and Principles of Physics (T1 2017-18).
- Main job is to assist students with assignments, grading assignments and help answering questions about class materials.

Awards and Competitions

April 2018, Winner of FameLab Thailand

- A competition hosted by British Council Thailand where competitors gave a three-minute presentation about a scientific topic of their choice to a general audience.
 - Also was selected as the representative for Thailand at FameLab International 2018 at Cheltenham Science Fair, United Kingdom.
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Skills and Knowledge

Language

Thai (native speaker), English (fluent), and Spanish (elementary).

Standardised Scores

- TOEFL iBT: 114 out of 120 (taken in Jan 2020),
- IELTS: 8.5 out of 9.0 (taken in Jan 2018),
- GRE: 168 Quant, 154 Verbal, 4.5 Writing (taken in Oct 2020).

Soft Skills

Team-work and leadership skills, responsible, adaptable, communication and presentation skills, analytical and logical thinking skills.

Personal Interests

Video Making

- RandomMathsInc, at <https://www.youtube.com/c/RandomMathsInc>
- A channel with around 9.7k subscribers (as of March 2023), which present topics in mathematics, physics and computer science often in wacky ways.