

Aprup Kale



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✉ @aprup_kale

in Aprup Kale

🌐 <https://aprupkale.github.io/>

Employment History

- May 2025 – August 2025  **Research Intern** Department of Computer Science, National University of Singapore.
- May 2024 – August 2024  **Data Science Intern** AIA Singapore.

Education






- 2022 – 2026  **B.Comp., National University of Singapore** Computer Science.
Final-Year Project title: *Fair Division and Matching*

Research Publications

Preprint Articles



- 1 A. Kale, R. Kulkarni, and N. Garg, *Fairly dividing non-identical random items: Just sample or match*, 2025.
arXiv: 2512.17238 [cs.GT]. 🔗 URL: <https://arxiv.org/abs/2512.17238>.

Skills

- | | |
|-----------------|---|
| Languages |  Strong reading, writing and speaking competencies for English, Hindi and Marathi. |
| Coding |  Java, Python, R, SQL, \LaTeX , MATLAB |
| Web Development |  HTML, CSS, JavaScript, TypeScript |
| Data Analytics |  NumPy, Pandas, Seaborn, Matplotlib, scikit-learn, PyTorch, TensorFlow, Hadoop, Spark, Scala |
| Databases |  MySQL, PostgreSQL |

Miscellaneous Experience

Awards and Achievements

- 2024  **REx Fellow**, Recognized as a REx fellow during my Undergraduate Research Opportunities Programme (UROP) project. Awarded a grant of S\$2500.
- 2025  **Dean's List**, Placed on the Deans' List of School of Computing, National University of Singapore in AY2025/26 Semester 1.

Reviewing Duties

-  **AAAI 2026**. Programme Committee.