WANG YIDA

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EDUCATION

National University of Singapore   **Aug 2024 - Present**
Bachelor of Computing in Computer Science
- GPA: 4.50/5.00 (Year 1 average)
- Second Major in Quantitative Finance

EXPERIENCE

CP2107 Constrained Decoding (National University of Singapore), *Researcher*   **May 2025 - Aug 2025**
- Gained expertise in Statistics, Machine Learning, and Constrained Decoding techniques.
- Replicated experiments from research papers,compared results with original statistic, and documented findings in a technical report. Link for technical report: https://docs.google.com/document/d/1_tiWUa5zOMBLiwEPU3yQGhUaowomjlwe3TO4FVRxPUk/edit?tab=t.0.
- Gained proficiency in statistical analysis and experimental evaluation.

Xiamen University (Xiamen, Fujian, China), *Researcher*   **Jul 2024 - Jul 2024**
- Designed and conducted experiments in DNA replication using microscopy and data analysis techniques with 2 senior students.
- Overcame technical challenges through literature review and 4+ rounds of experimental trials.
- Developed strong research skills in experimental design and data analysis through intensive 2-week laboratory experiments.

LEADERSHIP EXPERIENCE

Folk music club (Xiamen Foreign Language School, China), *President*   **Jan 2023 - Jan 2024**
- Led 20+ members, organised rehearsals, and coordinated performances for school events.
- Trained new members and performed in festivals, increasing club visibility and membership.

Class Committee (Xiamen Foreign Language School, China), *Member*   **Jan 2022 - Jan 2024**
- Served as a proactive class committee member, coordinating events and facilitating communication between students and faculty.
- Collaborated with other 5 class committee members in organising activities, addressing student concerns, and ensuring efficiency of community.

SKILLS

- Programming Languages: Java, JavaScript, Python, SQL.
- Others: HTML, CSS, Bash, Vim, Git, Github.

RELEVANT COURSEWORK

- CS: CS1101S Programming Methodology, CS1231S Discrete Structures, CS2030S Programming Methodology II, CS2040S Data Structures and Algorithms.
- Mathematics: MA1521 Calculus for Computing, MA1522 Linear Algebra for Computing, QF1100 Introduction to Quantitative Finance.