WANG YIDA

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EDUCATION

National University of Singapore   **Aug 2024 - May 2028**
Bachelor of Computing in Computer Science
- GPA: 4.50/5.00 (Year 1 average)
- Second Major in Quantitative Finance
- Relevant coursework: Programming Methodology, Discrete Structures, Programming Methodology II, Data Structures and Algorithms, Calculus for Computing, Linear Algebra for Computing, Introduction to Quantitative Finance

Massachu-setts Institute of Technology   **Dec 2024 - Jan 2025**
MIT Missing Semester of Your CS Education (self-studied)
- Acquired tooling proficiency in shell scripting, Vim text editing, Git version control, security etc. through hands-on exercises and lecture materials made publicly available by MIT

TECHNICAL SKILLS

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

PROFESSIONAL EXPERIENCE

CP2107 Constrained Decoding (National University of Singapore), *Researcher*   **May 2025 - Aug 2025**
- Gained expertise in Statistics, Machine Learning, and Constrained Decoding techniques.
- Conducted literature review of 4 research papers, replicated 2 papers' experiments, compared results with original statistics, found discrepancies, investigated potential causes, and documented findings in a technical report.
- 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 such as high background noise in microscopy images 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 5+ school events.
- Trained new members and performed in festivals, increasing club visibility, expanded membership by 50%.

Class Committee (Xiamen Foreign Language School, China), *Member*   **Jan 2022 - Jan 2024**
- Served as a proactive class committee member, coordinating 10+ class events and facilitating communication between students and faculty.
- Collaborated with other 5 class committee members in organising weekly activities, addressing student concerns, and ensuring efficiency of community.