

KIMI YANG

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EDUCATION

National University of Singapore

Aug 2025 - Present

Bachelor of Computing in Computer Science / NUS College

- GPA: 4.72/5.00, Second Major in Mathematics
- Relevant coursework: Data Structures and Algorithms, Operating Systems, Linear Algebra, Calculus

WORK EXPERIENCE

CS1010 Programming Methodology (Singapore), Teaching assistant

Aug 2026 - Present

- Facilitate weekly programming tutorials and laboratory sessions covering C, debugging, Unix command-line tools, and computational problem-solving.
- Guide students through programming exercises using targeted questions and debugging strategies to develop independent problem-solving skills.

KEY PROJECTS

JioLeh, NUS Orbital Project (Artemis Level)

May 2026 - Aug 2026

- Co-developed a cross-platform social application enables users to discover and interact with places through an interactive location-based map.
- Engineered authentication, user profiles, persistent location data, reviews, photos, location-based chats, and friend invitations, utilising Flutter, Supabase, and Mapbox.
- Shipped an application in a two-person team, leveraging feature branches and two-week development sprints

CK APP, Lead Developer

Feb 2024 - Apr 2025

- Co-founded and led development of CK APP, a student-focused campus application.
- Achieved approximately 3,000 downloads across iOS and Android platforms.
- Designed and implemented core features such as class scheduling, task management, cafeteria menus, nearby food maps, and real-time YouBike integration.

LEADERSHIP EXPERIENCE

Singapore Taiwanese Student Association, Public Relations Codirector, Marketing

Aug 2025 - Present

- Develop and coordinate publicity campaigns for association events across social media and other student communication channels.
- Create promotional content and collaborate with Head Coordinators to strengthen event visibility and engagement within the Taiwanese student community.

NUS College Mentorship Programme, School of Computing Faculty Coordinator

May 2026 - Present

- Lead the School of Computing peer mentorship programme, coordinating mentors and supporting incoming students during transition to university.
- Organise faculty-specific engagement initiatives and serve as a liaison between mentors, mentees, and wider NUS College community.

FIRST Robotics Team Cyberpunk, Software Lead

Aug 2022 - Apr 2025

- Led development of competition robot software for localisation, autonomous navigation, and vision-based functionality.
- Developed computer vision and object detection functionality and coordinated with mechanical and electrical sub-teams.

TECHNICAL SKILLS

- Programming Languages: C, C++, Java, Python, Dart, JavaScript
- Frameworks: Flutter, Vue.js
- Technical Certificate: Coursera Machine Learning Specialisation

AWARDS

- National AI Student Challenge (NAISC) 2026 — Workato Challenge Track Finalist