Zachary Kang

National University of Singapore
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Education

National University of Singapore Aug 2023–Dec 2027
Bachelor of Computing (Honours) in Computer Science

Research Experience

Student Researcher (Final Year Project) Starting Dec 2026
National University of Singapore
Active Supervision Acquisition for Policy Optimization
Advisors: Angela Yao and Guodong Ding

Research Assistant Sep 2026–Present
COMET Lab, National University of Singapore
From Search to Synthesis: Auditing How Generative AI Curates Public-Interest Information
Supervisor: Zening Duan

Student Researcher (UROP) Jan–Dec 2026
National University of Singapore
Towards Data-Efficient Precise Event Spotting with Active Learning
Advisor: Jiang Kan

Research Intern May–Aug 2026
DSO National Laboratories
Practical Deep Learning Tracking on Live Video
Supervisor: Ong Jun Jie

Student Researcher Sep 2025–Mar 2026
Technical University of Denmark
MCP-SecLint: An Open-Source Static Analyzer for Detecting Vulnerabilities in LLM Tool Integrations
Advisor: Nicola Dragoni

Professional Experience

Product Manager Intern May–Aug 2024
HTX (Home Team Science & Technology Agency)
Supervisors: Brandon Chua and Jerald Ong

Software Engineer Intern Jan–Mar 2023
Azendian Solutions

Publications

[1] **MCP-SecLint: An Open-Source Static Analyzer for Detecting Vulnerabilities in LLM Tool Integrations**

Alfonso Pedro Ridao, Melissa Safari, **Zachary Kang**, Nicola Dragoni

Proceedings of the 12th ACM International Workshop on Security and Privacy Analytics (IWSPA'26)

Awards, Honors, & Grants

UROP Research Experience (REx) Grant (S$2500) 2026

NUS Awards for Study Abroad Exchange Scholarship 2026

Residential College Scholarship 2023

Teaching

Undergraduate Teaching Assistant

TCX2001 Data Structures and Algorithms Spring 2026, Spring 2027

ES2002 Business Communication for Leaders Fall 2026

Hacking the Heck Workshops Fall 2026

Academic Service

Reviewer: ISACE '26

Leadership & Volunteering

Assistant General Manager Aug 2025–Present
National Youth Training Programme, Singapore Flying Disc Association

Assistant Head Coach Jan 2024–Present
Disc Knights

Senior Athlete Aug 2023–Present
NUS Ultimate Frisbee Varsity Team

Project Director Jan–May 2025
NUS Ultimate Frisbee Recreational Clinics

Sprit Captain & Athlete Jan 2024–Jun 2025
Team Singapore (Mixed), World Under-24 Ultimate Championships