NUS COMPUTING

NUS | School of Computing
National University of Singapore

INDUSTRY NEWSLETTER

Highlights

NUS Launches AI Institute to Address Global Challenges

The institute prioritizes **three key areas:** foundational AI research, policy implications of AI, and practical AI applications. Foundational research focuses on the core principles underlying AI, such as machine learning, natural language processing, and computer vision. By strengthening these fundamentals, NAII paves the way for the creation of more powerful and effective AI solutions.

Through its commitment to collaboration and focus on societal benefits, NAII is poised to become a driving force in developing AI technologies that can improve lives and tackle global issues.

NUS has established the NUS AI Institute (NAII) to spearhead research on Artificial Intelligence (AI) for the public good. The former dean of School of Computing, Professor Mohan Kankanhalli, is NAII's founding director. NAII serves as a central hub for AI efforts across the university, fostering collaboration between internal and external experts.

NAII's mission is to develop AI applications that address real-world challenges in healthcare, finance, sustainability, and other domains. This signifies a significant step forward for Singapore's AI landscape, solidifying NUS's position at the forefront of AI research and development.

NAII welcomes members from universities, industry, government organizations and foundations to explore as collaborators or partners; or to financially support the institute. Please reach out to NAII at *naii@nus.edu.sg*.

Capstone Projects Proposal Schedule

Master of Computing – General Track

This capstone internship provides an opportunity for students to work on solving problems beyond the formal classroom setting.

4 months individual internship with a company

Company submission period: Nov 2023 - Mar 2024

Internship period: Mid-May - Mid-Sep 2024

Contact: gt-capst@comp.nus.edu.sg

Master of Science in Digital Financial Technology (MSc DFinTech)

The MSc DFinTech Capstone internship requires students to have experiential learning in academic research, translational research or software development.

4-6 months individual internship with a company

Company submission period: Nov 2023 - Apr 2024

Internship period: May - Sep / Nov 2024

Contact: msc-dft@comp.nus.edu.sg

Master of Science in Business Analytics (MSBA)

The industry-linked professional consulting capstone project requires students to analyse and provide solutions to today's real-world business analytics problems.
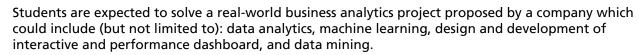
4 months individual project with a company

Company submission period: Jan - Apr 2024

Project period: May - Aug 2024

Contact: MSBA@nus.edu.sg

Business Analytics (Undergraduate)

Students are expected to solve a real-world business analytics project proposed by a company which could include (but not limited to): data analytics, machine learning, design and development of interactive and performance dashboard, and data mining.

3 months group project with a company. Work to be done in NUS

Company submission period: ⭐**Jun - Jul 2024**
Nov - Dec 2024

Project period: Aug - Nov 2024
Jan - April 2025

Contact: shalinda@comp.nus.edu.sg

Information Systems (Undergraduate)

Students are required to develop a business information system by completing an entire Systems Development Life Cycle (SDLC) which includes gathering requirements, analysing requirements, designing the system (both software and hardware), implementing and deploying the system.

3 months group project developing software system for company. Work to be done in NUS

Company submission period: ⭐**Jun - Jul 2024**

Project period: Aug - Nov 2024
Jan - Apr 2025

Contact: tanwk@comp.nus.edu.sg (Aug-Nov term); hsianghui@nus.edu.sg (Jan-April term)

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