



Tech

NTU Singapore Unveils Groundbreaking College of Computing and Data Science to Meet AI and Data Science Demand

NTU Singapore launches the College of Computing and Data Science, commencing August 2024, led by Prof. Luke Ong, to address the growing demand for AI and data science professionals by offering industry-relevant degree programs and interdisciplinary learning opportunities.

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In a significant move towards reshaping the future of technology education, Nanyang Technological University (NTU) in Singapore has announced the launch of its new College of Computing and Data Science (CCDS). This pioneering initiative, set to commence in August, is designed to cater to the escalating demand for artificial intelligence (AI) and data science expertise. Under the leadership of Professor Luke Ong, the CCDS aims to offer a comprehensive educational framework that combines technical prowess with interdisciplinary learning opportunities, welcoming an inaugural cohort of over 4,800 students.

Addressing the Skills Gap in AI and Data Science

As industries worldwide continue to undergo digital transformation, the demand for professionals skilled in AI and data science has surged. NTU's CCDS seeks to bridge this gap by providing industry-relevant degree programs, including a cutting-edge Bachelor of Science in AI and Society. This program, among others, is strategically

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designed to equip students with the necessary skills to thrive in a rapidly evolving technological landscape. With a focus on producing the next generation of leaders in AI and data science, the college is poised to play a crucial role in shaping the future of these critical fields.

Empowering Students with Comprehensive Educational Offerings

The College of Computing and Data Science is not just about academic degrees; it's about creating a holistic educational experience that fosters innovation and collaboration. The college will incorporate existing undergraduate and graduate programs from NTU's former School of Computer Science and Engineering, as well as introduce new and exciting courses. Among these is the Master of Science in AI with a specialization in generative AI, a burgeoning area of interest within the tech community. Moreover, the college is committed to offering exclusive masterclasses, mentorship opportunities, and exchange programs, encouraging students to engage in interdisciplinary studies and research.

Leading the Way in AI Research and Application

NTU's commitment to excellence in AI and data science extends beyond education. The university's researchers have been at the forefront of developing innovative AI algorithms and technologies, including those capable of analyzing emotions in text, compromising AI chatbots, and creating realistic facial animations. By establishing research platforms that encourage collaboration between computing and other disciplines, the CCDS aims to foster an environment where ethical considerations in AI application are paramount. This approach not only enhances the educational experience for students but also contributes to the global conversation on the responsible use of AI.

In conclusion, the launch of NTU's College of Computing and Data Science marks a significant milestone in the university's efforts to address the growing demand for AI and data science skills. By offering a blend of technical knowledge and interdisciplinary learning opportunities, the CCDS is set to empower students and professionals alike to navigate and contribute to the future of technology. Under the guidance of Professor Luke Ong, the college is poised to become a beacon of innovation and excellence in AI and data science education, both in Singapore and globally.