NUS COMPUTING
INDUSTRY NEWSLETTER

NUS | National University of Singapore | School of Computing

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Highlights

iConnect member spotlight: SAP

SAP is one of the world's leading producers of software for the management of business processes. As the market leader in enterprise application software, we help companies of all sizes and in all industries run better by redefining ERP and creating networks of intelligent enterprises that provide transparency, resiliency, and sustainability across supply chains.

Our end-to-end suite of applications and services enables our customers to operate profitably, adapt continuously, and make a difference worldwide.

SAP Labs Singapore was inaugurated as the 21st Lab in the SAP Labs Network on March 23, 2022. SAP Labs are SAP's core R&D entities strategically located in high-tech clusters around the globe, driving thought leadership globally and in local ecosystems, allowing SAP to innovate, grow, and succeed.

SAP Labs Singapore focuses on **"Creating Impact with a Purpose"**. With the aim of becoming the key AI Hub and centre of excellence for SAP globally, SAP Labs Singapore is rapidly expanding to have over 300 dedicated AI engineers working on cutting edge Business AI topics such as Joule. In the last 9 months, SAP Labs Singapore has hired 75 talented AI engineers into SAP and aims to continue hiring over 100 engineers till 2025.

Our close collaboration with the Singapore Government agencies such as IMDA, EDB and Ministry of Communication and Information provide strong support for the accelerated growth agenda. In 2023, SAP Labs Singapore signed a MOI with IMDA to accelerate digital leadership in Singapore. A part of this MOI, leaders in Labs Singapore are mentoring 15 university scholarship holders, with a focus on AI.

By investing in a diverse local early talent pool, SAP Labs Singapore aims to strengthen the engineering core in Singapore, and create more high-skill, high-value career opportunities and paths. In turn, this spurs product innovation for Singapore and the rest of Asia, while delivering best-in-class solutions and sustainable products for organisations around the globe.

Our efforts were recognized by the Tripartite Alliance – in 2023, SAP Labs received 2 prestigious awards in the categories of "Fair and Progressive Employment Practices" and "Work-Life Excellence" - a testament to the wonderful work culture in the company.

Hiring Timelines and Process

We are actively hiring on a rolling basis for roles as an AI Developer, AI Data Engineer and AI Scientist. Interested applicants should regularly make a check on the [SAP Careers page](https://jobs.sap.com/) (https://jobs.sap.com/), and put forth an application for consideration.

For more details on the process, we encourage students to drop by our booth in NUS on the **31 January 2024 for the School of Computing Career Fair** and have a chat with us then!

Hear from your seniors:

Min Pyae Moe

Class of 2022, NUS School of Computing, Major in Computer Science

As an AI Developer in Knowledge graph for the SAP s/4HANA team, my role involves developing and maintaining backend infrastructures such as graph databases and cloud applications, collaborating with domain experts, data engineers and data scientists, ensuring that data storage and retrieval operations are scalable, efficient, and secured.

SAP offers opportunities for talents who are willing to **hone their specialised skill set** to the fullest (depth) but also **provide various resources for those who like to explore other roles** beyond software development and engineering related roles (breadth). Also, SAP has a good work-life balance culture which promotes employee's wellbeing and mental health.

My happiest moment in SAP was when my team won the first prize during the company-wide internal futsal tournament! At SAP, it's never all about work, as we have multiple opportunities to enjoy the different fun activities and to network with our colleagues across board areas.

Harshita Tiyari

Class of 2022, NUS School of Computing, Major in Computer Science

I'm an AI developer working on Joule use cases in S/4HANA. For those not in the know, Joule is SAP's generative AI co-pilot. My work involves creating genAI solutions for finance related processes in S/4HANA. For example, getting financial insights from balance sheets, identifying red flags in profit and loss statements etc. In general, making lives easier for our customers with genAI.

The deciding factor for me in choosing SAP as my workplace would be the opportunity to work closely with generative AI. I do feel that generative AI is at the center of nearly every industry, and I wish to truly understand what it is and what it means for our future beyond just a buzzword. And what better way to deep dive into this topic than to work on it in SAP, which is known for its **deep industry knowledge and vast customer data**?

There are also many opportunities for recognition. In fact, I was the co-host at our quarterly All-Hands meeting, where top talent are nominated by managers to co-host in front of over 250 people!

Note: This article was submitted by SAP

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-Sept 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 - April 2024**

Internship period: May - Sept/ 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 - April 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: June - July 2023
⭐ **Nov - Dec 2023**

Project period: Aug - Nov 2023
Jan - April 2024

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: ⭐ **Nov - Dec 2023**

Project period: Jan - April 2024
Aug - Nov 2024

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

Have you signed up for SoC Career Fair? The next fair is set on 30 and 31 January

With the new semester kicking into high gear, the School of Computing is also prepping for the first Career Fair of the year. Scheduled to take place on 30th and 31st of January 2024 in the MPH of SoC's exciting new COM3 building, registrations are now open at https://blog.nus.edu.sg/computingcareerfair/.

More information on the different tiers and prices are available on the website. Be sure to also sign up for our mailing list to stay up to date on the latest announcements on future Career Fairs. Registrations will close on 12th January 2024 or when all booths have been taken.

For information on our student profile, head to https://blog.nus.edu.sg/computingcareerfair/our-students/.

CAREER FAIR

Discover new and exiting career and internship opportunities! meeting and networking with participating employers.

RESUME CLINICS

Meet SoC Career Advisors for a quick evaluation of your resume before applying to your dream employers.

DETAILS

careerfair.comp.nus.edu.sg

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