Full time employment contract

With a world leading software company

+

PhD candidacy

In top ranked universities of Asia

SAP Industry PhD Scholar Program

SAP Asia, in partnership with the National Research Foundation and local universities in Singapore, is offering the SAP PhD Scholar Program to outstanding individuals who are keen to pursue a higher academic calling, while working at the forefront of technology in a world leading company.

The objectives are to prepare postgraduate students with critical industry skill sets for future roles, to build up talent pipelines for SAP, and to shape the future of business through innovative use of software and technology.

SAP will provide a vibrant environment to engage in innovative work for all selected candidates. They will work alongside researchers from our Research & Innovations division as full time employees in our Singapore office.

All candidates must meet the admission requirements of the university graduate program and go through all necessary academic milestones. Upon successful completion, the candidate will be conferred a PhD degree by the enrolled university.

Eligibility Criteria

- A good bachelor's or master's degree in Computer Science/Engineering, Information Systems, or other relevant disciplines.
- Must meet admission requirements of PhD programmes from NUS (School of Computing), NTU (School of Computer Engineering, School of Communication & Information), SMU (PhD in Information Systems), and SUTD.

Scholarship Terms*

- Monthly salary of S$3,300, standard CPF and Insurance benefits.
- Annual tuition assistance (90% for both local and foreign students)
- Annual funding for conference attendances
- Funding for 3+1 years (subject to performance review)
- The Scholarship is bond free

Applications are open from December 2013. The program welcomes both fresh intakes and current candidates. Click here to apply or email to Jessie.cai@sap.com for more information. (* subject to terms and conditions)
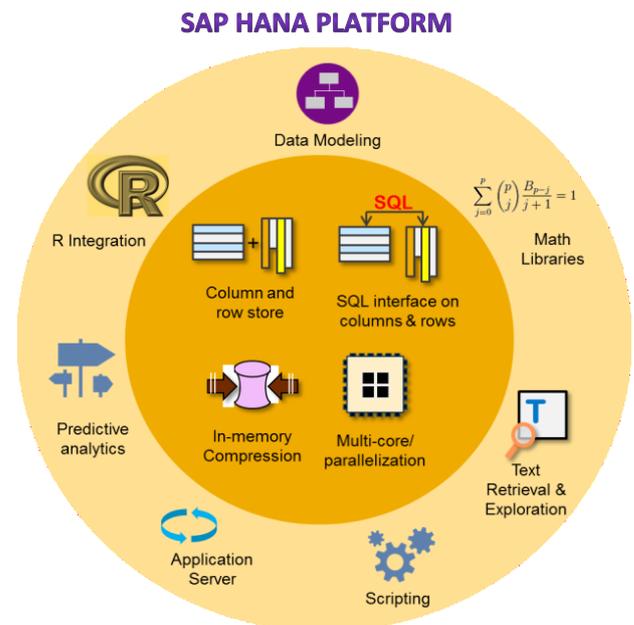
About SAP

Headquartered in Walldorf, Germany, with locations in more than 130 countries, SAP AG is the world leader in enterprise software and software-related services. As the market leader in enterprise application software, SAP applications and services enable more than 251,000 customers to operate profitably, adapt continuously, and grow sustainably. SAP is actively expanding in new technology areas including big data, cloud, mobile and more.

Research Scope

The proliferation of Internet-enabled smart phones is allowing cities and municipalities to rethink their existing approaches of information & communication. The project team at SAP Research & Innovation is working to actively unite urban working and living environments that were previously separate, to bring innovations to the interactions between cities, municipalities, businesses, institutions, associations, and citizens. Depending on actual project progress and time of participation, the working scope of the PhD scholar shall include one or more topics of the following to support the overall theme of big data intelligence in various verticals including but not limit to transportation, retail, logistics, healthcare and education.

- Application of HANA technology
- Geo-spatial data mining
- Social analytics
- Context awareness in mobile computing
- Recommender systems
- Natural language processing
- Information retrieval
- Machine learning
- Information privacy
- Pricing & economics of information systems
- Sensor networks
- Image processing and recognition
- Cloud computing
- User experience
- Distributed systems
- Optimization & Simulation

SAP HANA PLATFORM

The deliverables shall be in the form of published research papers, developed software modules or functions, patents, etc., as jointly produced by the PhD scholar, the supervising academic faculty from the University, and the assigned SAP mentor(s).

Current Projects *year 2013