Industrial Postgraduate Programme (IPP) PhD Trainee in Computer Science

About Lesaffre

A key global player in fermentation for more than a century, Lesaffre (www.lesaffre.com), with a €2 billion turnover, and established on all continents, counts 10,700 employees and more than 85 nationalities.

On the strength of this experience and diversity, we work with customers, partners, customers, and researchers to find ever more relevant answers to the needs of food, health, naturalness, and respect for our environment. Thus, every day, we explore and reveal the infinite potential of microorganisms.

To nourish 9 billion people, in a healthy way, in 2050 by making the most of our planet's resources is a major and unprecedented issue. We believe that fermentation is one of the most promising answers to this challenge.

Job Description

The trainee will enroll in a PhD programme in the School of Computing at National University of Singapore and conduct research work under the joint supervision of NUS and Lesaffre. The main objective of the research project is to apply image analysis and machine learning in baking science R&D. Working closely with bakers and formulators at our regional Baking Center™ in Singapore as well as R&D scientists at our global headquarter in France, the trainee will develop an in-depth knowledge of the science of baking and will be involved in the development of groundbreaking AI tools to enable scientific research.

As an IPP PhD trainee, the candidate will receive:

- A monthly stipend of S$4,000 for up to 4 years
- Full sponsorship of tuition fees for up to 4 years

Requirements

To be eligible for the IPP Scholarship, the applicant must:

- Be a Singaporean Citizen or Permanent Resident at the time of application
- Hold an undergraduate degree in computer science or similar fields
- Apply and gain admission into NUS School of Computing for PhD studies, to be commenced in January 2022
- Knowledge of coding languages such as Python and/or R will be an advantage
- Have an interest in food chemistry and baking science

For e-mail enquiries:

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To apply:

Visit NUS Computing - Industrial PhD Programme

(https://www.comp.nus.edu.sg/programmes/pg/phdcs/industrial/) for more details