Asus – AICS – PhD Trainee

AICS (https://aics.asus.com/) is a newly formed organization incubating applied AI services that can leverage ASUS' large portfolio of hardware products to unlock a new generation of smart products and services with a focus on healthcare. The team is building and deploying deep technologies in Machine Learning, Natural Language Understanding, and Computer Vision to help accelerate the transformation towards an AI-powered future.

The trainee will enroll in a PhD programme with IDS or SOC under the Industrial Postgraduate Programme (IPP) and conduct ambitious long-term research under the joint supervision of a faculty member and an AICS research staff. Specific research topics of interest include knowledge discovery, domain generalization, long-tailed learning, self-supervised approaches in NLP. We look forward to hearing from you!

As an IPP PhD trainee, the candidate will receive:

- A monthly stipend of S$7,000 for up to 4 years
- Full sponsorship of tuition fees for up to 4 years
- Opportunity to take on an R&D role at Asus after graduation.

Job Responsibilities:

- Research innovative machine learning algorithms and tools to address large-scale, real-world problems in the domains of natural language processing for healthcare
- Develop novel state-of-the-art methods for domain generalization, long-tailed learning, knowledge discovery
- Publish and present your work in the top AI/ML venues
- Work with our research staff and industry partners, as well as other students and interns
- Work with the product and engineering team to transform research output into prototypes

Requirements:

- Singaporean Citizen or Permanent Resident at the time of application
- Bachelor or Master degree in computer science or related discipline with excellent academic credentials
- Apply and gain admission into the PhD program of one of our partner universities, to commence in January 2023
- Passion for tackling challenging research problems
- Strong analytical and problem-solving skills
- Some experience with deep learning frameworks such as PyTorch, Keras, or Tensorflow

Contact:

For those who are interested and satisfy the above requirements, please email your updated CV and a cover letter to Mr Sam Yeong at ids@nus.edu.sg.