JOB DESCRIPTION

Job Title	Research Intern – AI theory
Department/ Group	London Research Centre – Noah's Ark Lab
Reports To	Mentor
Manager Position	No
Location	London
Position Type	Full time 37.5 hours per week or Part-time 20 hours per week

Huawei Research and Development UK Limited Overview

Huawei has the largest Research and Development organisation in the world with 96,000+ employees in research centres around the globe. We are committed to bringing digital to every person, home and organization for a fully connected, intelligent world. In the UK, we already have design centres in Bristol, Cambridge, Edinburgh, Ipswich and London. With a further £3bn of investment committed to the UK over the next 5 years we invite you to join us and drive your career forward.

Job Summary

Huawei is looking at for a Research Intern to join our London Research Centre's AI theory team for a minimum of six months. The research intern will conduct academic and applied research to advance state-of-the-art in generative machine learning, exploring different settings such as controllability, textual alignment, storytelling and consistency. Our interns aim to publish at top tier academic venues, and/or transfer their work to Huawei products.

Key Responsibilities:

- Participate in cutting edge research aiming to solve fundamental machine learning problems.

- Design, implement and evaluate innovative solutions for text-to-image generation.

This job description is only an outline of the tasks, responsibilities and outcomes required of the role. The jobholder will carry out any other duties as may be reasonably required by his/her line manager. The job description and personal specification may be reviewed on an ongoing basis in accordance with the changing needs of Huawei Research and Development UK Limited.

Critical Success Factors

- Creative and innovative

- Able to convert an idea into a prototype efficiently, optimize its cost and drive the implementation

- Result driven and good communication skills.

- Excellent root cause analysis and problem-solving skills

- Focused, pro-active, motivated

- Open minded and able to learn fast

- Able to work autonomously and as part of a team of technical experts

Person Specification:

List details of Knowledge, Skills, Experience and Qualifications needed to do the job:

- 2nd or 3rd year PhD student in machine learning or related field.

- Experience publishing in top tier conferences is a plus.

- Experience in one or several fields related to the following topics: generative models, panoptic segmentation, object detection, data-efficient learning and image captioning.

- Hands on experience using Python and deep learning libraries specifically (PyTorch, Hugging Face Diffusers and Transformers).

How to apply
If you wish to apply for this position and believe your experience and skills are suitable, please email a copy of your CV and cover letter to yimingfu@huawei.com

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