LABORATORY FOR ARTIFICIAL INTELLIGENCE IN DESIGN LIMITED

Post Specification

(1) Postdoctoral Fellow (two posts) (Ref. No.: AiDLab/RP3-5/R053-R054)
   [Appointment period: each for thirty-six months]

(2) Postdoctoral Fellow (Ref. No.: AiDLab/RP3-5/R055)
   [Appointment period: thirty-six months]

(3) Research Assistant (Ref. No.: AiDLab/RP3-5/R056)
   [Appointment period: thirty-six months]

Duties

The appointees will assist the project leader in the research project – "Intelligent textile design for interiors and fashion". The project focuses on the design and development of intelligent textiles for applications in rehabilitative environments and wearables. You will be part of a dynamic AI and fashion team responsible for researching and developing AI models. You would require a great understanding of machine learning, deep learning, image processing, and computer vision.

Qualifications

For the **Postdoctoral Fellow** posts, applicants should:

(a) have a PhD degree/ Master's degree / first class honors degree in Sensory Rehabilitation, in Electronic Engineering, Computer Science, Artificial Intelligence or other related disciplines in any Hong Kong local universities;

(b) have no more than three years of post-qualification experience at the time of application;

(c) have a record of publications in peer-reviewed journals;

(d) demonstrate working experience in AI research and development;

(e) have experience in image processing, image recognition, gesture recognition is ideal;

(f) be familiar with AI tools: PyTorch / Caffe / TensorFlow / MXNet;

(g) possess programming Languages: Python / C++ / Java / JavaScript; and

(h) have a good command of English and Chinese (preferably including Putonghua).

Candidates with less qualification and experience may be considered at the level of **Research Associate**.

For the **Research Assistant** post, applicants should have a master's degree or first-class honors degree in Smart Textiles, Product Design, Sensory Rehabilitation, Electronic Engineering, Computer Science, Artificial Intelligence or other related disciplines.

Applicants are invited to contact Dr Jeanne Tan at tel no. 2766 4124 or email jeanne.tan@polyu.edu.hk for further information. Please return the completed application form, together with a detailed curriculum vitae, to the AiDLab by email to career@aidlab.hk . Application form can be downloaded from here.

Remuneration

A highly competitive remuneration package will be offered. Applicants should state their current and expected salary in the application.

Revised on 29 November 2021