

Associate /Assistant Professor(s) in Game Design and Production/Machine Learning (two vacancies)

The Department of Applied Data Science (ADS) at Hong Kong Shue Yan University invites applications for full-time Associate Professor / Assistant Professor positions, commencing on 1 September 2026, in the areas of (1) Game Design and Production or (2) Machine Learning.

For the Position: Associate Professor / Assistant Professor (Game Design and Production)

Primary Duties

1. Teach undergraduate and/or postgraduate courses in game design, interactive media, and related areas;
2. Supervise student projects and research theses;
3. Conduct high-quality research and scholarly activities in game design and digital entertainment;
4. Contribute to curriculum development and programme enhancement; and
5. Participate in departmental academic, administrative, and outreach activities.

Requirements

1. A PhD or equivalent in Game Design, Production, Digital Entertainment, or a closely related discipline, with at least three years of post-doctoral teaching and research experience;
2. A strong research record, exhibition/industry project records or clear potential for scholarly achievement in game design, game development, digital entertainment, XR technologies, or related fields;
3. Demonstrated experience in teaching or industry practice (e.g., game production) is highly desirable;
4. Commitment to high-quality teaching and student development; and
5. A good command of both English and Chinese would be an advantage.

For the Position: Assistant Professor (Machine Learning)

Primary Duties

1. Teach undergraduate and/or postgraduate courses related machine learning, calculus and linear algebra, and related mathematical courses;
2. Supervise student research projects and dissertations;
3. Engage in high-impact research in machine learning, computer science, AI-enabled systems, or relevant areas;
4. Contribute to laboratory development, curriculum design, and programme innovation; and
5. Participate in departmental service, community engagement, and professional activities.

Requirements

1. A PhD or equivalent in Machine Learning, and Computer Science or a closely related discipline;
2. Evidence of research output or strong potential for research excellence;
3. Relevant teaching experience or industry background in machine learning, applied mathematics, or related fields related to creative industries;
4. Strong commitment to academic excellence, interdisciplinary collaboration, and student mentorship; and
5. A good command of both English and Chinese would be an advantage.

Application Details and Procedure

The selected applicant will be assigned teaching duties in courses offered in the BSc (Hons) in Digital Solutions for Entertainment and Game Applications (BSc-DSEGA), the MSc in Game

Development and Management (MSc-GDM), the BSc (Hons) in Applied Data Science (BSc-ADS) programmes, and the University's General Education Programme.

The selected applicant will also be assigned to assist in programme/course development and undertake other administrative duties as assigned by the Head. The appointment is contract-based and renewable upon mutual agreement. Applicants should apply by sending:

1. Statement of teaching and research;
2. A complete CV, including a list of publications;
3. Three representative publications (within recent 5 years);
4. Three reference letters; and
5. Application form, which can be downloaded from <https://www.hksyu.edu/tc/about/career/>

Applications should be addressed to: The University Secretary, Hong Kong Shue Yan University, 10 Wai Tsui Crescent, Braemar Hill, North Point, Hong Kong or E-mail: recruit_ap@hksyu.edu (for the attention of the University Secretary).

Only shortlisted candidates will be contacted. Personal data received will be used for recruitment purposes only. Applications will receive full consideration until the positions are filled.

Deadline: The posts are open until filled.