香港教育大學
The Education University
of Hong Kong

IT Manager (Ref: 2400830)
Office of the Chief Information Officer

The Office of the Chief Information Officer (https://www.eduhk.hk/ocio) provides quality services to support all central information systems in support of teaching, learning, research and administration and places emphasis on staff's career/professional development. The Office is looking for quality professionals to fill the posts (2 openings).

1) IT Manager (Network Services – Cybersecurity)

The appointee will be assigned to the Network Services Team and will mainly be responsible for the Information Security and Account Provisioning System.

Responsibilities:

- Assist the CIO and ITM (NS) in developing, drafting, and maintaining comprehensive Information Security policies and procedures to ensure compliance with regulatory requirements and industry best practices;
- Conduct regular risk assessments on IT systems and business processes, identify vulnerabilities, and implement effective risk management strategies;
- Monitor, evaluate, and report on the effectiveness of security measures and the organization's compliance with established policies and regulatory requirements.
- Track and assess the risk of security alerts, ensuring timely and appropriate responses to potential threats;
- Lead incident management initiatives and coordinate with relevant teams to address security breaches and mitigate impacts;
- Develop, implement, and maintain the Identity and Access Management System.

Requirements:

- A recognized Bachelor's degree or above in Computer Science, Information Technology, Information Engineering, or related disciplines;
- Preferably 6 years of relevant full-time post-qualification working experience gained in a sizable IT environment;
- Solid hands-on experience in LDAP, AD, AAD, MFA, and JAVA programming;
- Hands-on experience with security equipment and setup such as Firewall, SOC, SIEM, EDR, Vulnerability Scan, and Web Application Scan;
- Proven experience in cybersecurity risk assessments, vulnerability management, and incident response management;
- Holders of relevant industry-recognized security certification, e.g., CISA, CISSP, CISM, CRISC, would be an advantage;
- Knowledge and experience in security frameworks such as the NIST cybersecurity framework, ISO 27000 series, and MITRE ATT&CK would be an advantage;
- Knowledge and experience in computer/network forensics would be an advantage;
- Good knowledge of computing programming (e.g., JAVA) for IT infrastructure self-developed systems;
- Good knowledge of Windows and Linux servers, routers and switches, shared networks and authentication protocols such as SNMP, TCP/IP, SAML, Kerberos, and VMware;
- Excellent command of English and Chinese, with the ability to manage multiple tasks, work independently, and think proactively;
- Strong analytical, problem-solving and interpersonal skills; and be a good team player.

2) IT Manager (Network Services - High-Performance Computing)

The appointee will be assigned to the Network Services Team and will mainly be responsible for the High-Performance Computing Systems and Infrastructure.

Responsibilities:

- Design, implement, and manage the High-Performance Computing (HPC) / Artificial Intelligence (AI) cluster and infrastructure to meet specific computational and performance requirements for the University;
- Collaborate with researchers, scientists, and other technical teams to understand their computational needs and develop solutions to meet their needs;
- Optimize and tune HPC / AI clusters for maximum performance and efficiency, including parallel processing, job scheduling, resource management, IB/RoCE network, parallel file system, and HPC / AI applications;

- Troubleshoot and resolve technical issues related to HPC / AI clusters, networks, and software applications;
- Develop and maintain documentation and best practices for HPC / AI clusters and operations;
- Stay current with industry trends and advancements in HPC / AI technologies and recommend upgrades or improvements to existing systems if applicable;
- Work closely with vendors and third-party service providers to procure hardware, software, and services for HPC / AI projects;
- Provide training and support to end-users on HPC / AI clusters, applications, and tools;
- Ensure the security and integrity of HPC / AI clusters and data, including implementing access controls and data protection.

Requirements:
- A recognized Bachelor's degree or above in Computer Science, Information Technology, Information Engineering, or related disciplines;
- Preferably 6 years of relevant full-time post-qualification working experience gained in a sizable IT environment;
- Strong knowledge of parallel computing architectures, distributed computing, IB/RoCE networking, parallel file systems, and GPGPU;
- Proficiency in programming languages commonly used in HPC / AI environments;
- Experience with HPC / AI software tools and frameworks like MATLAB, Jupyter Notebook server, MPI, OpenMP, CUDA, SLURM, Open OnDemand, and Singularity;
- Familiarity with Linux operating systems and shell scripting for system administration and automation tasks;
- Ability to troubleshoot complex technical issues and performance bottlenecks in HPC / AI clusters, networks, and software applications;
- Prior experience in setting up and managing HPC / AI clusters and infrastructure for research and scientific computing environments would be an advantage;
- Excellent command of English and Chinese, with the ability to manage multiple tasks, work independently, and think proactively;
- Strong analytical, problem-solving and interpersonal skills; and be a good team player.

Salary will be commensurate with qualifications and experience. The appointee will be offered the functional title of IT Manager which holds the substantive post of Computer Officer in the University.

Initial appointment will be made on a fixed-term contract. Re-appointment thereafter will be subject to satisfactory performance and mutual agreement. Fringe benefits include the University's Voluntary Contributions to MPF Scheme or a contract-end lump sum payment (totaling up to 10% of the basic salary), leave, medical and dental benefits.

The University only accepts and considers applications submitted online for this post. Applicants should complete the online application form and upload a full CV. **Review of applications will start from 22 August 2024, and will continue until the post is filled**. Applications which are incomplete or without the required documents may not be considered. Personal data provided by applicants will be used for recruitment and other employment-related purposes. For details of the Personal Information Collection Statement, please refer to http://www.eduhk.hk/jobsopp/index.php?glang=en.

All applications will be treated in strict confidence. Only those who are shortlisted will be contacted. The University reserves the right not to fill the position(s) advertised.

Further information about the University is available at *http://www.eduhk.hk.*

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