Job Description – Applications Developer

Department: Program Management   **Reports to: Christian Grewell**

Position Summary

This position is a joint-appointment based in Shanghai with NYU Abu Dhabi and NYU Shanghai. The Applications Developer performs development of the Online Services and Applications business-applications layer for NYU Abu Dhabi (NYUAD) and NYU Shanghai (NYUSH).

The Applications developer will work within a cross-functional and cross-country team to identify and implement ideas and concepts for the general university population as well as specific business units, or a specific need brought to them by a client.

Responsibilities

- In coordination with the Associate Director of Application Development, Senior Application Developers and OSA teams, ensure developments run smoothly throughout its selected lifecycle (Agile) -- application development, data modeling, security, and supporting business processes -- to ensure the accessibility and operation of applications supporting online communication services.

- Partake in the initiation, development, implementation and maintenance of web & application services. Throughout development, testing, QA, UAT and release management. Working as part of an agile team in coordination with the UX and BA teams to ensure the consistency of data and adherence to University styles, standards, and policies.

- Development of functional components, code standards, and service integrations for the University's systems (including the CMS) and applications, including the testing and deployment of code; manage the access to development systems and provide training activities for authorized personnel to utilize these。

- Create documentation for key services, best practice and standards, reviews of code, documentation and application architecture, and identifying opportunities to refactor, consolidate, simplify, or otherwise improve new or existing systems and processes. Mentor junior / graduate /intern team members to help capability to improve skills and performance.

- Ensure the creation and gathering of data for MI reporting purposes. Monitor usage and ensure functionality of OSA services. Generate and analyze logs for any malfunctions and problems; propose and implement solutions to identified issues. Monitor and manage access control and security processes as needed.

- Liaise with project teams (internal and external), service managers and service providers regarding required prioritizing, directing and coordinating activities, problems and updates; research and analyze information exchanged to provide guidelines, make recommendations, and execute development tasks as necessary.

- Research and test new web technologies, analyzing short and long-term implications of technological changes in the market and making recommendations on opportunities to improve services; stay up-to-date on current practices and trends and maintain technical skills. Analyze and maintain server logs, resolving minor errors and the ability to patch code in various languages when necessary

Qualification

- **Required Education**

  - Degree or qualification in the field of computer-science

- **Required Experience**

  - 4+ years related experience in IT on a large or complex websites utilizing a CMS, maintaining access, security, and personalized options.
  - 2+ years of applications development experience, preferably in internet/intranet applications.
  - 4+ years experience in IT Development / Delivery or related field

- **Required Knowledge, Skills, and Abilities**

  - Proficient in a LAMP environment.
  - Knowledge of Java, UNIX, SQL, javascript/jQuery, HTML, and CSS.
  - Experience with client/server and application system architectures, best practices around technical design and development practices of web applications, and common system integration techniques.
  - Experience integrating systems and services across a wide variety of technology platforms and languages.
  - RAD / Agile delivery methodologies.
  - Comfortable resolving and/or escalating issues in a timely fashion and communicating collaboratively both internally and externally.