Emmanuel College

Job Title: Information Systems Developer

Line Manager: Information Systems Manager

The Post

In liaison with the IS Manager to take a leading role in the development and support of the College’s IS facilities and services, especially web-based services and the configuration and management of firewalls and network core infrastructure.

Skills and Qualifications

Experience of constructing highly dynamic web applications using web delivery technologies such as HTML5, CSS and Javascript, programming environments such as node.js, .NET, php or ColdFusion and backend databases such as Microsoft SQL Server and MySQL is essential.

Understanding the principles of network security is essential. Experience of designing, implementing and maintaining rules-based firewalls would be an advantage.

The ability to work successfully in a small, highly skilled IS support team, and to communicate with non-technical staff to understand their needs and their problems is essential.

The ability to investigate and fix problems in complex systems is essential. A degree in a scientific or engineering discipline would be an advantage.

Job Objective

To assist the IS Manager with the development and maintenance of College IS facilities especially, those connected with the College web service and the core network.

Duties

Using own initiative to ensure timely completion of work in accordance with instructions as may from time to time be issued by the College in connection with a variety of duties that include the following:

1. To migrate a significant number of legacy web-based applications to a modern programming environment.

2. To plan, develop, document and maintain new web-based applications as required.

3. To continually consider, implement and advise on best-practice security approaches to reduce and mitigate network-based threats to the College’s systems and, particularly, web-based applications.

4. To assist in the planning, development and support of additional College IS Facilities as may from time to time be agreed with the IS Manager.

5. To fulfil other related duties and responsibilities consistent with the role of Information Systems Developer as may from time to time be required.

Observe at all times the College Equal Opportunities Policy, the Health & Safety Policy, the Computer Acceptable Use Policy and the College Policy on the application of the General Data Protection Regulations.