

Candidate Information

Position: Lead IT Developer/Analyst Programmer
School/Department: Centre for Public Health
Reference: 20/108234
Closing Date: Monday 29 June 2020
Salary: £33,797 to £40,322 per annum
Anticipated Interview Date: Thursday 9 July 2020
Duration: Until 31 December 2022

JOB PURPOSE:

To lead the design, development and implementation of IT software and hardware solutions to support the Central Administrative Research Facility (CARF) and the Belfast Ophthalmic Reading Centre's (BORC) research functions, including the maintenance and development of data capture systems used in clinical trials in CARF/BORC and in NetwORC UK.

MAJOR DUTIES:

1. To understand grading of digital colour, fluorescein angiography, optical coherence tomography studies in order to develop and implement solutions to improve and streamline workflow, including data and image management, quality assurance, quality control and data cleaning.
2. Develop and maintain database connected systems, such as websites and web forms, within a .NET environment
3. Develop and deliver specialist IT solutions to ensure high levels of service quality and effectiveness for users and clients. Manage all relevant documentation, such as SOPs, training related to these.
4. Work independently, or as part of a team – which may be cross-functional - to ensure the delivery of high quality, integrated services to clients and users.
5. Liaise with team members engaged in projects as required.
6. Adopt a proactive approach to the identification and resolution of potential problem areas.
7. Adopt a proactive approach to the identification of opportunities for developing business solutions and service enhancements to meet the needs of colleagues and end users.
8. Contribute to the development and monitoring of team strategies and plans. Maintain an awareness of relevant University strategies and plans.
9. Collect, analyse and present reports and results to inform decision making within relevant areas.
10. Provide specialist/professional advice, information and assistance to users.
11. Carry out any other duties that are appropriate to the post as may be reasonably requested by senior management.

Planning and Organising:

1. Plan own work over the short to medium term with an awareness of longer-term issues, in response to managerial general instructions.
2. Contribute to larger projects as part of a project team.
3. Contribute to the planning and organisation of service changes with regard to their impact on the business of the University.
4. Develop appropriate work schedules in order to meet targets and/or turnaround times.

Resource Management Responsibilities:

1. Assist in the planning of resources within the area of responsibility to ensure that they are effectively managed and monitored.
2. Advise on the cost/benefit of new and existing technologies.
3. Assume delegated responsibilities as appropriate.

Internal and External Relationships:

1. Attend internal and external meetings to ensure that relevant issues are appropriately represented and reported.

2. Liaise with key contacts to ensure appropriate integration, collaboration and understanding.
3. Liaise with external suppliers, consultants and other third parties.

ESSENTIAL CRITERIA:

1. *Degree (or equivalent qualification) in a relevant discipline, such as Computer Science and at least 3 years relevant experience to include:
 - at least 3 years professional development experience using two of the following: C#, Microsoft .NET, jQuery, PHP or SQL to develop applications and servicesOR
 - *Significant relevant professional development experience using two of the following: C#, Microsoft .NET, jQuery, PHP or SQL to develop applications and services.
2. *At least 3 years professional development experience using two of the following: C#, Microsoft .NET, jQuery, PHP or SQL to develop applications and services.
OR
 - *Significant relevant professional development experience using two of the following: C#, Microsoft .NET, jQuery, PHP or SQL to develop applications and services.
3. Understanding of current web technologies and system development techniques, standards and practices.
4. Ability to share technical experience and knowledge with other developers and team members.
5. Ability to communicate with users and managers across the University to develop requirements and specifications to deliver solutions.
6. Knowledge of current web technologies and standards.
7. Ability to identify and solve problems.
8. Literate and numerate.
9. Excellent verbal and written communication skills.
10. Must be able to communicate with people at all levels across the University.
11. Must be able to lead team work, but also be able to work on own initiative.
12. Must be able to work with and motivate technical and non-technical staff.
13. Must be committed to the provision and continued development of a high quality service.
14. Able to be involved as required in study related meetings, these might require out-of-hours contacts and/or travel.

DESIRABLE CRITERIA:

1. *Certification in Project Management, such as PRINCE2.
2. *Development experience working with Python or R.
3. *Experience configuring Microsoft Servers.
4. *Experience developing Reporting Services and Web Forms.
5. Awareness of the Higher Education environment and student recruitment.