Analyst Developer x 2
Applications Management: Directorate of Digital and Information Services

Closing date: 01 August 2019
Interview date: TBC
Reference number: ITS199A
Introduction

Analyst Developer

In this role you will be working on the development of the University's On-demand education management system to help drive forward the growth of the University's online learning population.

The post is part of the Corporate Systems Development team within the Applications Management Division of the Directorate of Digital & Information Services, which is part of the University's Professional Services.

With approximately 1500 staff, Professional Services consists of a number of student and academic focussed areas as well as other corporate and support areas.

The post holder should ideally have:
- Expert knowledge in Oracle PL/SQL and SQL
- Experience in API development
- Experience of Corporate Business Applications such as Finance and Student systems
- Expert analytical skills
- Experience of agile sprint development
- Proven experience in troubleshooting applications and associated services
- Excellent communication skills and the ability to work with a high degree of autonomy
Job description

The successful applicant will be responsible for supporting, maintaining and developing the On-demand Education Management system.

Key responsibilities:

Analyst Developer

- Analysing business processes
- Producing detailed system specifications
- Developing and maintaining the University's On-demand Education Management System
- Development of interfaces to ensure data integrity across corporate systems
- Working with the On-demand team and other business departments to develop test plans to approved standards
- Testing and amending systems to meet system specifications
- Maintaining and updating system and process documentation to approved standards
- Working with other developers, DBAs, customers and third parties to investigate and resolve application support issues
- Working independently and as part of the team
- Liaising with customers and third parties
- Any other duties as required

At a glance

Salary: £40,792 - £48,676 per annum
Hours of work: Full time, 37.5 hours
Contract type: 16 months project funded
Candidate background

Experience of Oracle PL/SQL, SQL and excellent analytical skills are essential.

In addition to software development, you will be required to produce detailed documentation and specifications for solutions to support the University business. The post holder will be required to work on a complex project within cross discipline teams, liaising with other developers and database administrators, work closely with other teams within IT, and frequently liaise with a wide variety of customers.

You will have good project management skills and the ability to work with others to achieve objectives within agreed timeframes.

You will also be highly organised, full of initiative and have the ability to prioritise your own work. You will be adept at building excellent working relationships with a variety of individuals. A strong ethos of team working would also be an advantage.

The post holder should be educated to degree-level or have other equivalent qualifications and have demonstrable experience of software development as well as experience of application maintenance and support.

Terms of appointment

Salary will be at the appropriate point on the Grade 7 salary scale and negotiable with placement according to qualifications and experience. This post is available for a period of 16 months only.

Any appointment will be made subject to satisfactory references and a 12 month probation period.

For further information on various staff benefits and policies please visit www.abdn.ac.uk/staffnet/working-here

This post does not meet the minimum requirements as issued by UK Visas & Immigration (UKVI) to qualify for an employer-sponsored visa. We are therefore unable to consider applications from candidates for this post who require sponsorship to work in the UK.
# Person specification

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<th>Education/Qualifications</th>
<th>Essential</th>
<th>Desirable</th>
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| Academic, technical and professional education and training | • Educated to degree level or equivalent qualifications and/or experience  
• Evidenced training of:  
  • Oracle PL/SQL  
  • SQL | • Postgraduate qualification  
• Oracle certification  
• ITIL change and release management certification |

| Work and Other relevant experience (including training)  
eg Specialist knowledge, levels of experience, supervisory experience, research | Essential | Desirable |
|-----------------------------------------------------------|-----------|-----------|
| • Significant, demonstrable SQL development experience, ideally Oracle PL/SQL and SQL  
• Demonstrable experience of supporting, maintaining and administering corporate applications  
• Experience of building interfaces for and migrating to corporate applications  
• Experience of extract and transform of data  
• Experience of analysing complex business processes and producing detailed system specifications  
• Experience of testing and documenting systems to approved standards  
• Experience of customer/stakeholder management and ability to communicate technical concepts to non-specialists  
• Experience of working in a support or service desk environment  
• Ability to work to deadlines | • Experience in developing and supporting corporate systems in a higher education environment  
• Experience of API development  
• Experience of implementing projects using Agile methodology  
• Experience of developing in XML  
• Experience of developing in PHP  
• Experience of developing in SharePoint  
• Experience of Oracle Forms & Reports  
• Experience of UML or other modelling languages  
• Experience of CRM (ideally MS Dynamics)  
• Working knowledge of Linux/Unix, including shell scripting  
• In-depth experience of a variety of software packages and operating systems.  
• Experience of project management methodology |

| Personal qualities and abilities  
eg initiative, leadership, ability to work on own or with others, communication skills | Essential | Desirable |
|--------------------------------------------------------------------------------|-----------|-----------|
| • Excellent analytical skills – sufficient to assess problems and identify potential solutions  
• Proven ability to organise and prioritise own work and coordinate with others as appropriate  
• Proven ability to operate effectively within a team and across multiple teams  
• Good verbal communication skills, capable of dealing with colleagues and customers with wide-ranging technical competency  
• Proven written communication skills: able to review and write documentation to high standard  
• Good time management, prioritisation and organisational skills  
• Proven commitment to service quality and improvement | • Proven record of continual professional development  
• Ability to identify new opportunities and creative solutions to team issues outside the scope of normal workload. |
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<th>Other</th>
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<td>eg special circumstances (if any) appropriate to the role such as unsocial hours, travelling, Gaelic language requirements etc.</td>
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<td>• <strong>Self-motivated and able to work independently with minimal supervision</strong></td>
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<td>• <strong>Acts in a professional manner</strong></td>
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<td>• <strong>Willingness to work flexibly and outside standard working hours to respond to service-impacting events, planned and unplanned</strong></td>
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The University

*Founded in 1495, Aberdeen is Scotland’s third oldest University and the fifth oldest in the UK. Ranked within the world top 160 in the Times Higher Education Rankings 2019 and named Scottish University of the Year in the Times and Sunday Times Good University Guide 2019. Aberdeen is ‘open to all and dedicated to the pursuit of truth in the service of others’.*

Aberdeen is a broad based, research intensive University, which puts students at the head of everything it does. It has significant academic strengths and potential across a wide variety of disciplines. Outstanding in a wide range of discipline areas, Aberdeen has also been credited for its international reach and its commercialisation of research ideas into spin out companies.

The University has over 14,000 matriculated students and 3,600 staff representing 130 nationalities. We encourage bold thinking, creativity and innovation and we nurture ambition with many opportunities for professional and personal development in an inclusive learning environment which challenges, inspires and helps every individual to reach their full potential.

The University combines a distinguished heritage with a forward looking attitude. In the past few years, the University has encouraged creativity in its academic staff, broken new ground with an innovative curriculum, and developed state-of-the-art facilities including the new Sir Duncan Rice Library and the Aberdeen Sports Village and Aquatics Centre. In looking to the future, the University seeks to enhance its reputation as one of the world’s leading Universities by moving forward with ever more ground breaking research; ensuring students have an intellectual and social experience second to none; and capitalising upon the dual role as one of the major institutions of the north and as a cornerstone of regional economic and cultural life.
The city and the region

**Aberdeen and Aberdeenshire**

With a population of approximately 230,000, the city stands between the Rivers Dee and Don. This historic city has many architectural splendours and the use of its sparkling local granite has earned Aberdeen the name of the Silver City. Recognised as the oil capital of Europe, Aberdeen nevertheless retains its old-fashioned charm and character making it an attractive place in which to live.

Aberdeen enjoys excellent communication services with other European cities - e.g. flying time to London is just over one hour with regular daily flights. There are direct air links to London (City, Gatwick, Heathrow, and Luton), Manchester, Birmingham, Leeds, Southampton, Belfast and East Midlands within the U.K. There are also flights to international hub airports: Amsterdam (Schiphol), Paris (Charles De-Gaulle) and Frankfurt as well as flights to other European destinations. [http://www.aberdeenairport.com](http://www.aberdeenairport.com) Road and rail links are also well developed.

The Grampian Region which took its name from the Grampian Mountains has a population of approximately 545,000. It is made up of five districts – Aberdeen, Banff & Buchan, Gordon, Kincardine & Deeside and Moray. The city and the surrounding countryside provide a variety of urban, sea-side and country pursuits. Aberdeen has first class amenities including His Majesty's Theatre, Music Hall, Art Gallery, the Aberdeen Exhibition Centre, Museums, and Beach Leisure centre. Within a short time, beach pursuits, equine activities, salmon, trout and sea fishing, hill-walking, mountaineering, golf, sailing, surfing and windsurfing can be reached. The city and the surrounding countryside are repeatedly given high ratings for quality of life in surveys.

Aberdeenshire is one of Scotland’s most appealing regions. Royal Deeside and the Cairngorms National Park are within easy access of the city, and there are a variety of towns and villages scattered along the coastline.

Aberdeen and Aberdeenshire cater for a wide range of tastes in sporting and cultural activities.

To find out more about Aberdeen and Aberdeenshire go to [www.visitabdn.com](http://www.visitabdn.com)
How to apply

Online application forms are available at [www.abdn.ac.uk/jobs](http://www.abdn.ac.uk/jobs)

The closing date for receipt of applications is 01 August 2019

Should you wish to make an informal enquiry please contact
Fiona Chaplain
Project Database & Application Manager
01224 273363
f.chaplain@abdn.ac.uk

Please do not send application forms or CVs to Fiona Chaplain

**Please quote reference number ITS199A on all correspondence**

*The University pursues a policy of equal opportunities in the appointment and promotion of staff.*