Identity Systems Developer
IT Services, Information Services

Closing date: 7 January 2019
Interview date: 23 January 2019
Vacancy reference: 7255
INTRODUCTION

The Information Services Directorate is organised into three main areas, IT Services, Library Services and The Borthwick Institute for Archives; all are designed to support the teaching, learning and research aims of the University and help to deliver the Information Strategy. As a Directorate we strive to provide the best student and staff experience via a strong customer focus and a commitment to continuous improvement. We value collaboration with colleagues both within the department and across the University. We are proud to hold, and have maintained, the Customer Service Excellence accreditation which we first attained in 2014.

All staff share responsibility for and contribute to the success of the overall service. We want you to contribute to service improvement, working in an environment of mutual respect and openness. We strongly encourage all staff to engage in a process of continual review - both of their own work and that of colleagues; making suggestions for change to ensure that we continue to develop and enhance our services to meet the requirements of all our users.

This will also involve the setting of service standards and monitoring these to ensure our success. In developing and delivering services you will be directly contributing to both the Information Strategy and the University Strategy and as a collegiate organisation we welcome your contribution.
Main purpose of the role

The role holder will provide technical expertise and leadership in the design, development and support of IT systems and services.

Key responsibilities

(Role holders will be required to undertake some or all of the duties below)

- To provide high-level technical expertise in the development, support and maintenance of IT systems and services
- To take a lead role in the research, evaluation, development and deployment of new technologies relevant to key systems and services
- To act as a lead contributor and adviser in projects, to lead discussions and share expertise with colleagues and others
- To provide high-level technical expertise and mentoring to service-users
- To evaluate, install, upgrade, document and maintain the hardware and software supporting IT systems and services
- Provide effective 2nd line support to colleagues, staff and students in line with defined team processes

Specific departmental responsibilities of this role are to:

- Identify development requirements in collaboration with system owners and IT Services staff to ensure identity services support other systems effectively
- Maintain up to date knowledge of developments and
# PERSON SPECIFICATION

## Qualifications
- Degree level qualification in an IT field or equivalent employment experience (> 3 years)

## Knowledge
- Experience of an identity management framework and federated authentication solutions
- Detailed knowledge of Linux/Unix system administration
- Demonstrable understanding of the operational requirements and challenges of supporting high availability IT systems within a complex organisation
- Detailed knowledge of current software development practices

## Skills, abilities and competencies
- Comprehensive programming skills, preferably expertise in Java, JavaScript or similar languages
- Good analytical & problem-solving skills, and able to work independently, using considerable initiative
- Excellent communication skills, including ability to liaise with staff at all levels of the organisation
- Ability to work to tight deadlines, simultaneously handling multiple projects and operational duties
- Ability to design solutions for complex data integrations between systems
- Ability to write detailed documentation on complex specialist software and methodologies
- Ability to tailor communication of technology issues to audiences with different levels of technical knowledge

## Experience
- 3 years' minimum relevant work experience on complex IT projects covering the full project lifecycle
- Working both independently and in a team-oriented, collaborative environment
- Experience of working within a service management framework such as ITIL

## Personal attributes
- A team player who enjoys working closely with a diverse range of people
- Committed to continuing development of professional and technical skills
- Willing to be flexible in response to the changing needs of the role
- Hands-on approach and willingness to be involved and active at all levels
- Strong focus on customer service, and proactive in exploring the needs of customers
The Information Services Directorate is organised into three main areas, IT Services, Library Services and The Borthwick Institute for Archives all are designed to support the teaching, learning and research aims of the University and help to deliver the Information Strategy. We have a strong customer service focus and are proud to have held Customer Service Excellence accreditation since 2014. More information about each of the Directorates areas is given below.

**IT Services**

Information Technology is fundamental to the teaching and research success of the University as well to its day to day operations. ITS provides technology services to the whole University, staff, students and visitors. We aim to deliver services which are secure, reliable, easy to use and resilient. We strive to develop new services to meet changing needs and to keep pace with technological advances.

We manage, develop and support the network infrastructure which interconnects all buildings as well as the high-speed link to the internet via the academic network provided by Jisc Technologies. Wireless coverage on campus is now nearly universal and students have access to both the wired and wireless network from their study bedrooms and in all teaching and public spaces across campus.

More recently, we have developed a research support team which offers advice and support to researchers across the University as well as small scale HPC, data storage and backup services. In addition, we are responsible for providing the technical infrastructure underpinning many of the Universities corporate information systems such as the VLE, web site, Student Record and Finance systems. We provide business analysis, project management and integration expertise to introduce new University wide systems and services that support teaching, research and administration.

We support over 6,000 centrally managed PCs, installed into classrooms for student use, and in offices for staff. More than 200 items of PC software are available, including standard office applications and specialist software to support teaching and research. We also have a managed Linux and Mac desktop service, provided a Windows based laptop loan service for students and support most other modern platforms. Since 2011 we have used the Google Apps for Education suite of software. This includes email, calendar and a whole raft of collaboration tools Google Apps are now well embedded in the institution. Our centrally managed Print, Copy and Scan service (York Print Plus) is available across the University in all departments and student areas and supports printing from wireless devices, scan to email and traditional photocopying.
Library Services

The Library offers a wide range of services and extensive collections to support the Teaching, Learning and Research of the University with a strong focus on customer service and continuous service improvement. The University Library complex includes the JB Morrell Library, the Raymond Burton Library for Humanities Research, the Borthwick Institute for Archives and the Harry Fairhurst building on the Heslington West campus and is open 24 hours a day, 7 days a week, 362 days a year. We have a library available at the King’s Manor in the centre of York and we are responsible for running York Minster Library, under a partnership agreement with the Dean and Chapter.

The Borthwick Institute for Archives

The Borthwick is one of the biggest archive repositories outside London. Founded in 1953, we have collected archives from all around the world, from the 12th century to the present day. Its users include academic researchers and a large number of public visitors, and its staff contribute to academic teaching in relevant departments.
The University of York opened in 1963 with just 230 students. In 2018 it is the home of more than 17,000 students across more than 30 academic departments and research centres. Since opening over fifty years ago, we have become one of the world’s leading universities and a member of the prestigious Russell Group.

We are consistently recognised as one of the leading Higher Education Institutes and are ranked 16th in the Times & Sunday Times league table (2017). The University of York has won six Times Higher Education (THE) Awards and five Queen’s Anniversary Prizes.

The University is proud of its association with Athena SWAN, holding 12 awards in support of gender equality, representation and success for all, with gold awards for Chemistry and Biology and a University-wide bronze award.

Of 154 universities that took part in the Research Excellence Framework (REF) in 2014, The University of York ranked 14th overall and 10th for the impact of our research. The University is consistently in the top ten UK research universities and attracts over £60m a year of funding from research alone.

Our vision is to make the University of York a world leader in the creation of knowledge through fundamental and applied research, the sharing of knowledge by teaching students from varied backgrounds and the application of knowledge for the health, prosperity and well-being of people and society.
Attractive workplace

Centred around the picturesque village of Heslington on the edge of the city of York, our colleges are set in an attractive landscaped campus. York enjoys a safe, friendly atmosphere with facilities including bars, shops, theatres and concert halls all within easy walking distance.

The University has undergone an unprecedented period of expansion and renewal since 2000. We have invested in twenty new buildings on the original campus and have completed the first and second phases of a £750m campus expansion. Our investment in new colleges, teaching and learning spaces, laboratories, research facilities and a new sports village mean there has never been a better time to join us.

During this period of change we’ve worked hard to retain our friendly, informal and collegiate atmosphere, which is important to our core values of inclusivity and interdisciplinarity.

We have a thriving international community and are committed to providing staff moving to York with as much support as possible through our Relocation Package and Welcome Officers.

The University is committed to promoting a diverse and inclusive community - a place where we can all be ourselves and succeed on merit. We offer a range of family friendly, inclusive employment policies, flexible working arrangements, staff engagement forums, campus facilities and services to support staff from different backgrounds.

For further information please visit our employee benefit pages.
The City of York

Internationally acclaimed for its rich heritage and historic architecture, York's bustling streets are filled with visitors from all over the world. Within its medieval walls you will find the iconic gothic Minster, Clifford's Tower and the Shambles - just a few of the many attractions.

But York isn’t just a great place to visit - it’s also a great place to live and work. While nourishing a vibrant cosmopolitan atmosphere, York still maintains the friendly sense of community unique to a small city.

Visit www.visityork.org for more information on the city of York

Shopping, culture and entertainment

York boasts specialist and unique boutiques but also all the high street stores on its busy shopping streets. Alongside them you will find cinemas, theatres, an opera house, art galleries, a vast range of restaurants, live music venues and clubs. York is particularly renowned for its multitude of pubs and bars, from the modern to the medieval.

Housing and schools

Whether you choose to live close to the city, in one of the surrounding villages or further afield, you will find a wide range of housing within comfortable distance of York and the University. For families, the area has a range of excellent schools both in the state and independent sector.

Great location

York is one of Britain’s best-connected cities. Halfway between London and Edinburgh on the East Coast mainline, on intercity trains you can reach London King’s Cross in less than two hours and Edinburgh in two and a half hours. York is also well served by road links, and it is easily accessible from the A1, M1 and the M62.

For those travelling from overseas, Manchester Airport is two hours away and Heathrow Airport just three and a half. Flights from nearby Leeds Bradford Airport provide easy access to mainland Europe. By Eurostar from London St Pancras, Paris is just over six hours away.

Yorkshire

The Lonely Planet guide recently declared Yorkshire the third best region in the world to visit. There is something to cater to every taste, whether it be the rugged landscapes of the Moors or the Dales, the picturesque seaside towns of Scarborough and Robin Hoods Bay, the gothic architecture of Whitby or the vibrancy of cosmopolitan Leeds.
Apply online

- Go to https://jobs.york.ac.uk
- Find this job using reference 7255
- Complete the online application form

You will need to submit your completed application by midnight (local UK time) on 7 January 2019

What will I need?

You will need to upload:
- your CV
- a letter describing how you meet the requirements of the job

You will also need details of 2 referees.

Help and assistance

Direct any informal queries to Chris Reeves, Web & Identity Systems Team Leader, 01904 323587, chris.reeves@york.ac.uk

If you have any questions about your application, contact the HR Services team:

recruitment@york.ac.uk
+44 (0)1904 324835