JOB DESCRIPTION

Job Title: Software Developer Data Visualisation (R5)
Campus: Hendon - London
Grade: Grade 7
Job Ref:
Salary: £35,786 to £41,108 Inclusive of OLW (London Weighting)
Period: 12 months or with the possibility of extension until June 2018, to start IMMEDIATELY
Reporting to: Professor William Wong, Project Coordinator

Location: Flexible

The Interaction Design Centre is home to a team of Human-Computer Interaction specialists, with interests ranging from digital libraries to command and control centres. We also research techniques that enable highly complex datasets to be represented in useful ways, helping users to identify potentially important features.

The project you will be working on is VALCRI, a 17-partner, European Union FP7-funded Project, running from May 2014 – June 2018. Its goal is to research and develop the next-generation, visual analytics-based, big data-oriented, criminal intelligence analysis system for law enforcement agencies (www.valcri.org).

The IDC is seeking to hire an enthusiastic and talented software developer interested in developing leading edge technologies in the areas of search, analytics and visualisation. Ideal candidates will be knowledgeable in using the Elastic Stack, GWT, Errai, Gradle, Docker and have worked in environments applying Git and Gradle. Essential skills entail development experience in Java and JavaScript, user interface development, and interactive data visualisation inside a web application environment.

Responsibilities:

- Write great code, innovate, lead, and contribute to the visual analytics architecture of VALCRI
- Collaborate with other development teams and partners

Hours: 35.5 hours per week, 52 weeks per annum, actual daily hours by arrangement.

Leave: 35 days per annum plus eight Bank Holidays and seven University days taken at Christmas. All leave should be agreed in advance with the line manager.
PERSON SPECIFICATION

Qualifications, Skills, Experience, and Knowledge
Qualifications: A graduate in Computer Science, or related discipline, such as Information Technology, Software Engineering, Mathematics.
Essential skills: Development experience with both Java and JavaScript, user interface development, interactive data visualisation
Desired skills: Experience with Elastic Stack, GWT, Errai, D3; and have worked with Git, Gradle, and/or Docker.
Knowledge of visual analytics and interaction design a plus.

Selection of the best candidate will be based on an assessment against the Person Specification in line with the University’s Staff Recruitment and Selection Policy.

Middlesex University is working towards equality of opportunity. The University has a no smoking policy.

Flexible working applications (including part-time working) will be considered. When received, the University shall assess the feasibility of covering the post with the preferred pattern of working in line with the University’s commitment of flexible working.

If you wish to apply for this post please complete an application form found here: http://www.mdx.ac.uk/jobs

Closing date for receipt of applications: 31 December 2016

Please return the completed application form to: recruit1@mdx.ac.uk or to The Recruitment Office, Middlesex University, Hendon Campus, The Burroughs, London, NW4 4BT.
Please note that all incoming post to Middlesex University is opened and scanned by our document handler, CDOS, and then emailed to the recipient.

What happens next?
Once you have submitted your application, along with the others received, it will be sent (on the day following the closing date) to the School in which the post is located.
If selected for interview, you will hear directly from someone in the School, usually within 4 weeks of the closing date. If you have not heard from us within that time please call Professor William Wong on 0208 411 2684.

For further information or to discuss the post please contact:
Professor William Wong, VALCRI Project Coordinator, Head, Interaction Design Centre, Department of Computer Science, w.wong@mdx.ac.uk