



Staffordshire University Services Ltd

Job Description

General Details	
Job title:	KTP Associate: Software Developer (Ref CDT19-09)
Faculty/School/Service:	Computing and Digital Technologies
Normal Workbase:	HTC Solutions Limited, Unit 1 Evolution, Hooters Hall Road, Newcastle-under-Lyme, Staffordshire, ST5 9QF
Tenure:	2 years Fixed Term
Hours/FTE:	37 / 1.0
Grade/Salary:	Up to £31,000 p.a. depending on experience
Date Prepared:	October 2019

Job Purpose
To manage and deliver a two-year KTP to: <ul style="list-style-type: none">• Use .NET technologies to optimise software and development processes to increase the capacity for engaging with new customers.• To work with project stakeholders to develop new cognitive algorithms to transform software capabilities.• Improve efficiency through digital transformation to host software in serverless environments.

Relationships	
Reporting to:	Patrick Fegan (HTC Solutions Limited). Alastair Dawes (Staffordshire University)

Main Activities
<ul style="list-style-type: none">• Project manage the software transformation project including the identification, tracking, and mitigating risks arising during the project.• Establish an understanding of the company's business model, technical strategy, and project vision.• Research, design and develop modern serverless applications using; document-oriented databases and web-based RESTful APIs.



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- Research machine learning techniques to identify and present implementation options to the company management team.
- Work with the project team to select and use an appropriate technique to fully document designs and developed solutions.
- Take ownership of software quality. Work with the project team to identify an appropriate testing methodology and then use this to produce and perform test plans.
- Provide regular communication and progress updates with project stakeholders.

Special Conditions

This appointment is available on a fixed-term basis for 24 months.

Variation to Job Description

Staffordshire University reserves the right to vary the duties and responsibilities of its employees within the general conditions of the Scheme of pay and conditions and employment related matters. Thus, it must be appreciated that the duties and responsibilities outlined above may be altered as the changing needs of the service may require.

Conditions of Service

The post is subject to such terms and conditions of employment as negotiated between the Board of Governors of the University and the recognised trade unions, and/or the employees of the University. In negotiating such terms and conditions the Board of Governors will consider any appropriate advice received from the Universities and Colleges Employers Association (UCEA).

Informal Discussion

Should you wish to discuss this vacancy informally before making an application please contact:
Alastair Dawes – Academic Practice Learning Manager, Staffordshire University: tel. - 01785 353325; e-mail
a.dawes@staffs.ac.uk

Application Procedure

We encourage you to apply on-line at our website <http://jobs.staffs.ac.uk> as the system is user friendly and simple to complete.

Please note that the University will not consider a Curriculum Vitae attached in support of your application and will not use this document in the shortlisting process. Consequently, we would ask all applicants to ensure that they



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have provided comprehensive information under each criteria in the Supporting Statements section of the application form and, if necessary, add any relevant additional information in the Additional Information Section.

The closing date is midnight on 12th February 2020

For information, interviews will be held on 13th March 2020