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MSc by Research Scholarship in Developing Standardised .NET Software Development, Cranfield University, UK

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MSc by Research – Developing standardised .NET software [development](#) procedures and coding practices

[Cranfield University](#) has an exciting opportunity for a motivated graduate to establish and incorporate standardised software development procedures and coding practices (based on .NET capability) within Kingsfield Computer Products Limited while working towards the company wide attainment of quality certification.

Kingsfield Computer Products Limited wishes to enhance [its](#) position as a provider of bespoke [Information Technology](#) (IT) solutions to Small and Medium Enterprises (SMEs). In order to develop its software product offering further, the company needs to embark on a programme of standards compliance and overhaul its development and coding procedures. A growing range of products and services requires an increasing level of organisation and standardisation in working practices. As the company grows, its customer base is also changing. Larger customers demand solutions that meet recognised software standards, and may require suppliers to be holders of quality certification. Kingsfield also wishes to realise the full potential of the .NET software framework. A standards based focus will lead to efficiencies in the use of and access to additional functionalities within the .NET framework. This project will develop software development procedures and coding practices by following the software development standards, especially based on the .NET framework. It will ensure that suitable methods and procedures are implemented in Kingsfield, including system modelling, software [architecture](#) development, software development, testing, quality control and documentation.

This project will provide the successful applicant with the experience of working in the specialised domain dealing with the development of best practice standards and procedures for software product development. It will also provide [industrial](#) experience in the area of professional software development based on the .NET framework. The successful applicant will be based within Kingsfield Computer Products Limited in Northampton.

Doctoral Training Centres

This higher research degree is associated with one of our Doctoral Training Centre, which is funded in part by the Research Councils and industry. A generic core skills training programme is provided for all research students. This is structured as a series of half day or full day events and acts as a social and networking forum to foster and develop Cranfield's research student community.

Entry Requirements

Applicants should have a First or Second Class UK Honours degree (or equivalent) in a relevant discipline such as information [technology](#), information systems, [software engineering](#) or [computer science](#). Research/work experience in software system development, system design and modelling, and information and knowledge management is also desirable.

Funding

Supported by Kingsfield Computer Products Limited, this studentship will cover the tuition fees at the UK/EU rate only. Non UK/EU students will have to pay the remainder of their tuition fees before commencing their studies. Applicants are also eligible for a bursary of up to £10,000 p.a. for one year dependent upon qualifications and experience.

How to apply

If you are eligible to apply for this research studentship, please complete the Application Form or you can request that we post one to you. Alternatively you may wish to apply online. For further information contact us today:

School of Applied Sciences

T: +44 (0)1234 754086

E: appliedsciences@cranfield.ac.uk

Please note that we are unable to consider submissions for specific research [studentships](#) that fall outside of the stated eligibility criteria.

Application deadline: 19 August 2011

Supervisor: Dr Ashutosh Tiwari and Dr Yuchun Xu

Duration of award: One year

Award type: MSc by Research

For more information please visit our website: <http://scholarshipsbank.com/msc-by-research-scholarship-in-developing-standardised-net-software-development-cranfield-university-uk/>

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