Interface - The knowledge connection for business

Studentship helps develop intelligent software

Isle of Skye based, Sitekit Solutions Ltd, has set up an ongoing partnership with leading academics across the globe to develop unique intelligent software that will learn and adapt to users requirements.

Sitekit is a software development company which has been at the forefront of web content management systems development in the UK.

Established in 1989 to spearhead next generation software and technology products, the company set up Sitekit Labs to build on the success of its parent company. The Lab has ongoing global partnerships with academic researchers to help commercialise new technologies and rapidly take them to market.

In the past, Sitekit had focused on developing in-house technology which was self limiting and with no previous links to Scottish Universities, Sitekit approached Interface-The knowledge connection for business, having heard about their unique brokering service at an event.

Sitekit had previously established links with a Software Agent group (MIT Media Lab in Boston), but they wanted Scottish academics to join the

consortium. From the three academic groups identified by Interface, the Department of Computing Science & Mathematics at University of Stirling was selected as the most relevant. To cement the relationship, a three year EPSRC CASE studentship was awarded so that the research is of academic standard and to improve the collaborative working with other researchers in higher education

Despite the locations of Sitekit (Scotland), University of Stirling (Scotland) and the MIT Media Lab (USA) geography has never been a limiting factor to the collaboration and they have managed to successfully cultivate R&D and an Innovation culture within the company.

The successful collaboration, looked to further develop and apply software agents and natural language processing based technologies to build a novel intelligent software engine that can auto-categorise or auto-tag documents. The software engine will enable the development of future semantic web applications whose design and content can dynamically adapt to the user.

Campbell Grant, Sitekit CEO, said: "The invaluable links with the University

For more information on Sitekit Solutions please visit www.sitekit.net

"In future, universities and small business must learn to work together more effectively and this is a two way street with both sectors learning from each other. This is where Interface confirms itself as an invaluable part of the partnership process between business and academia, providing an essential bridge to profitable long term relationships."

Campbell Grant, CEO, Sitekit.

Interface - The knowledge connection for business

Studentship helps develop intelligent software

and MIT have been instrumental in developing the R&D and innovation culture within the company which are fulfilling both immediate term and long term objectives. Historically university researchers in the UK have struggled to engage with small and medium businesses, despite them making up 99% of companies in the economy and being the main drivers of innovation and growth."

The primary researcher is Erik Cambria, working under the academic supervision of Dr. Amir Hussain, (the Project's Principal Investigator

and Reader in the Department of Computing Science at the University) along with industrial direction from Chris Eckl, Research Director at Sitekit.

The research is in collaboration with Catherine Havasi of MIT Media Lab (USA), a pioneer in the concept of Common Sense Computing, which will be further developed and researched in relation to semantic web mining.

Following Sitekit's initial link with the University, it has further developed the relationship receiving another

EPSRC CASE studentship, devising an e-health monitoring system.

The research will help in the development of a novel intelligent software agent that can auto-categorise documents for Knowledge and Content Management applications more accurately than current (statistical based) techniques. The engine is predicted to have commercial applications in supporting the development of intelligent web applications with design and content that can dynamically adapt to the user.

Interface
The knowledge connection for business

About Interface - The knowledge connection for business

There is a wealth of world-class technology, skills and research facilities available within Scotland's universities and research institutes.

With established links to thousands of world-class leading experts, Interface finds and introduces companies to the perfect academic partner.

Interface overcomes the challenge facing companies in understanding what is available or who to contact

in academia, for R&D or expertise capabilities by matching relevant expertise to specific business requirements.

Collaborating with academic partners brings significant business benefits:

- Develop innovative new products, services and processes
- Improve performance using technological advances
- Increase competitive advantage in key markets

- Enhance profitability in existing and new markets

Many companies don't know that innovative solutions to help their business grow can be developed with academic assistance.

Interface is here to help make the right connections for businesses.

For further information please contact:
Interface - The knowledge connection for business
1-7 Roxburgh Street, Edinburgh, EH8 9TA
Email: info@interface-online.org.uk
Tel: 0131 651 4791
Fax: 0131 651 4793
Web: www.interface-online.org.uk

Scottish Funding Council
Promoting further and higher education

PROJECT PART-FINANCED BY THE EUROPEAN UNION
Europe and Scotland
Making it **work together**

STRATHCLYDE
european
PARTNERSHIP

The Scottish Government