

Software Developer (KTP Associate)

School / Department	School of Computing and Engineering
Sector	Business, consulting and management
Function (Position title)	Software Developer (KTP Associate)
Post Type	Full Time
Start date	1 st October 2020
Closing date	31 st March 2023
Duration	30 months
Working location	AB5 Consulting Ltd (27 Queens Walk, W5 1TP)
Salary	£26,747 (Research A Point 17) Plus, a personal development budget of £2,195 *Approved amount from the Grant: 30months for £90,386
Project Description	<p>About the Role</p> <p>The successful applicant will undertake research and development to develop and commercialise apps conversion software with cutting-edge security measures. This will involve developing the tool by means of information security technologies, artificial intelligence, web optimisation, and computer automation.</p> <p>Main Duties / Responsibilities</p> <ul style="list-style-type: none"> - Perform research and collect data in the specified area to a high level of competency and quality - Analyse and interpret data generated from all aspects of the project - Use creative approach to solving R&D problems - Develop an apps conversion tool as specified in the project plan - Disseminate research findings to relevant audience - Communicate with other team members and company staff - Undertake management/administration/reporting arising from research - Contribute to enterprise and business development and/or public engagement activities of benefit to the Company or University, often under supervision of a senior member - Work on multiple projects simultaneously <p>You will be expected to continue your personal and professional development throughout the project, acquiring new transferable skills that will enhance</p>

	<p>your employability, and a budget of £2195 is available to support this training.</p> <p>About Knowledge Transfer Partnership The Knowledge Transfer Partnership (KTP) scheme is a government-funded technology transfer initiative that supports partnerships between businesses and universities, providing graduates with fast-track career opportunities through work on challenging projects.</p> <p>Please visit following website for more information about Knowledge Transfer Partnership (KTP)</p> <p>https://www.gov.uk/guidance/knowledge-transfer-partnerships-what-they-are-and-how-to-apply</p>
<p>Details about the university and partner business</p>	<p>The knowledge base team is led by Prof. Shanyu Tang, Chair Professor of Information Security and Leader of the Information Security Research Group at the University's Centre for Cybersecurity and Criminology, University of West London.</p> <p>About AB5 Consulting Ltd AB5 Consulting Ltd is an award-winning London-based company. It provides innovative solutions to advisory and management consultancy. Since its formation in 2014, AB5 has quickly built its strong reputation in the industry by working with OneWeb (a UK operator of a 700-satellite constellation), UN agencies (IAEA, IMO/ IMSO) and UK Space Agency. Further information is available at: https://www.ab5consulting.com</p> <p>This ambitious 30-month project is part of AB5's strategic vision to drive its transformation to a high-tech innovator, developer and provider of advanced security measures. The project will integrate and advance the technologies of AB5's existing portfolios, develop and commercialise an app converter with advanced security measures, powered by AI. It will speed up the transfer of websites to mobile platforms, in a secure, trusted way.</p>
<p>Level of competency / technical skills required</p>	<p><u>Experience</u></p> <ul style="list-style-type: none"> • Good background in programming, such as C/C++, Java, etc.;

	<ul style="list-style-type: none"> • Good understanding of relevant frameworks/libraries; • Experience in dataset management • Experience with the technologies used to build mobile applications; • Experience of software design and software engineering; • Some knowledge of mobile security, computer automation, artificial intelligence and optimisation techniques. <p><u>Personal Attributes</u></p> <ul style="list-style-type: none"> • Ability to work both individually and as part of a team; • Self-motivation; • Excellent project management skills and verbal and written communication skills.
Qualifications required	<p>At least a 2:1 Honours degree in Computer Science or related area.</p> <p>A-level Maths at A/B grade</p> <p>An MSc degree is desirable.</p>