

Research positions in Cloud Computing at HP's European Research Lab.

One/two year positions starting summer 2010 based in Bristol, UK

HP's European Research Laboratory, located in Bristol, UK, is expanding its team researching aspects of cloud infrastructure-as-a-service and is seeking doctoral and post-doctoral researchers to work on major new European collaborative projects starting summer 2010. These positions, on one year contracts, with the possibility to extend to two years, will be in HP Labs' Automated Infrastructure Lab which is responsible for research and advanced development of cloud infrastructure technologies. The successful applicants will join the HP Labs group researching cloud infrastructure technologies.

HP Labs is the corporate research lab for Hewlett-Packard, the world's leading information technology company. It conducts high-impact scientific research to address the most important challenges and opportunities facing our customers and society in the next decade. The research groups in Bristol are primarily focussed on cloud and security technologies. Researchers work as part of a close-knit team and with academic and commercial partners world-wide to address key technical challenges for HP. They take an engineering approach to research, developing advanced prototypes and systems and deploying large scale trials and pilots of new technologies and approaches.

This is an opportunity to gain experience of working in an industrial research lab developing technologies that are at the heart of a fundamental shift in the information technology industries.

The projects will address the integration and federation of HP Lab's infrastructure-as-a-service cloud computing environment with those of our partners. The research content will involve the elaboration of models, architecture, software specification and software components, to expand upon the Lab's existing cloud computing infrastructure. The position will include the opportunity for academic publication.

Candidates will be interested in pursuing a research career in academia or industry, and will have, or be in process of completing, a PhD in computer science or related discipline, and have experience of and a research interest in cloud computing and large scale infrastructure. The successful candidates will be comfortable in a hands-on prototyping environment, developing and configuring large scale software systems, and will be familiar with virtualization technologies. Knowledge of Java and Linux is essential and experience with Eclipse and Subversion is an advantage. The ability to collaborate effectively within a team that encompasses a diverse range of skills and viewpoints is essential.

The position offers a competitive salary and an attractive working environment, and is located at HP's facility in Bristol, UK. The jobholder must also have the right to live and work in the UK for the full duration of the contract, and be fluent in English.

For further information contact Nick Wainwright, HP Laboratories. (nick.wainwright@hp.com)

www.hpl.hp.com, www.hpl.hp.com/bristol/

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