LOCATION: University of Limerick, Limerick, Ireland
1 X Funded PhD Opportunity in Computer Science – Health Informatics

Supervisors
Dr Katie Crowley (University of Limerick)
Prof Ita Richardson (University of Limerick)

Scholarships
Funded by the Lero, the Science Foundation Ireland Research Centre for Software, The PhD scholarship will provide annual registration fees (EU fees) for four years and an annual stipend.

DESCRIPTION
We offer an opportunity for a committed PhD student (full-time) to join our interdisciplinary Health Informatics and Digital Health research team at the University of Limerick. Applicants for the PhD scholarship must hold a BSc (1 or 2.1 Hons) or MSc (1 or 2.1 Hons) in Health Informatics, Computer Systems, Software Engineering or equivalent. Applications will be considered where the applicant has relevant work experience.

The application of technology in health is experiencing rapid growth, changing the way we manage healthcare. Technologies can empower consumers to make better-informed decisions about their own health and provide new options for facilitating prevention, early diagnosis of life-threatening diseases, and management of chronic conditions outside of traditional health care settings. Patients and consumers can use digital health technologies to better manage and track their health and wellness-related activities. However, health-related data also presents risks and challenges relating to digital health privacy.

The legal framework for the protection of personal data recognises health data as particularly sensitive and therefore requires a high level of protection. Barriers to data sharing include differing legal requirements, data management, trust and transparency. **The PhD project** aims to develop a dedicated governance framework for health data outlining secure and ethical approaches to protecting data and patient privacy while harnessing the analytical power of data.

The successful candidate will be hosted at the Department of Computer Science and Information Systems, University of Limerick and at Lero – the SFI Research Centre for Software offering a modern, world-class and interdisciplinary research environment.

For additional information on the position, please contact: katie.crowley@ul.ie