Research Centre
Insight Centre for Data Analytics

Post title
Mobile Developer

Post duration
Fixed term contract up to 18 Months

Background
The Insight Centre for Data Analytics (http://www.Insight-centre.org) is world class research center. A joint initiative between Dublin City University, NUI Galway, University College Cork, and, University College Dublin, as well as other partner institutions, it brings together a critical mass of more than 450 researchers from Ireland's leading ICT centers to develop a new generation of data analytics technologies in a number of key application areas.

The €88m Centre is funded by Science Foundation Ireland and a wide range of industry partners. Insight's research focus encompasses a broad range of data analytics technologies from machine learning, decision analytics and social network analysis to linked data, recommender systems and the sensor web. Together, with more than 70 partner companies, Insight researchers are solving critical challenges in the areas of Connected Health and the Discovery Economy.

The Opportunity
Researchers at Insight have been developing new ways of collecting personal analytics data on mobile devices which has opened up commercialization opportunities in a number of sectors particularly within health. We are seeking people with a start-up mindset to join our early-stage team developing a new software-as-a-service which can revolutionize how innovation takes places in health and associated fields. With output focused on our early-adopter clients there is a significant opportunity for people with the right interests, enthusiasm and engineering skills to become part of a new high growth company as the project develops.

Background & Role
We are seeking a mobile developer to develop apps which can be configured from a companion web application for the purposes of context-sensitive interaction and data capture from the user. Both iOS and Android platforms are ultimately targeted and therefore applicants with experience in either or both systems are welcome to apply. More specific details regarding the role can be discussed at the interview stage.

Responsibilities
Reporting to the project lead, the developer will:

- Engage with a team comprising a full stack developer and UX developer on a daily basis to drive the design, development and closed beta deployment of a new software-as-a-service for personal analytics.
- Participate in additional training to attain competency in software engineering processes under regulatory constraints
- Demonstrate a commitment to quality over expediency in software development
- Engage regularly and effectively with customers working in regulated industry sectors
- Identify and populate, in dialogue with the project lead, revised roadmaps for the proposed service

Below are some pointers to examples of technologies that are used in our projects, to indicate the type of experience we require. The successful candidate should demonstrate strong competence in some of these technologies:

**Skills**

- Excellent written and verbal communication and interpersonal skills.
- iOS or Android
- On-phone sensor data processing and management
- Power management
- RESTful web services and IoT communication protocols

**Minimum Criteria**

The ideal candidate will have a BSc. in Computer Science, Software Engineering or a related discipline with strong software and programming skills plus two years experience in mobile development (iOS and/or Android).

**Informal enquiries to:** Professor Tomas Ward tomas.ward@insight-centre.org

Please **do not** send applications to this email address, instead apply as described below:

**Closing Date:** 27th November 2018

**Salary:** €39,525.00 per annum
Application Procedure

Application forms are available from the DCU Current Vacancies (open Competitions) website at http://www.dcu.ie/vacancies/current.shtml and also from the Human Resources Department, Dublin City University, Dublin 9. Tel: +353 (0) 1 7005149.

Please clearly state the role that you are applying for in your application and email subject line: Job Ref #1043 Mobile Developer, Insight Centre for Data Analytics

Applications should be submitted by email to hr.applications@dcu.ie or by Fax: +353 (0)1 7005500 or by post to the Human Resources Department, Dublin City University, Dublin 9. Tel: +353 1 700 5149; Fax: +353 1 700 5500 Email: hr.applications@dcu.ie

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