Job Description

We are looking for Three Software Developer positions (Temporary 1 year) in the School of Computer Sciences, University College Dublin, Ireland. The position is fully funded through the EI Blood Brother/BB1 1.0 project under the supervision of Dr. Nhien-An Le-Khac (Principal Investigator). Start Date: February 2021.

Position Summary:

Blood Brothers is a digital health platform that empowers people to better understand and hence manage their risk of developing diabetes. Our cloud-based, cyber-secure platform combines a diverse range of data sources provided by the user to deliver personalised health insights. The goal of the project is to develop a market-ready prototype of the digital healthcare platform, acquire more pilot partners, and spin-out a start-up company. This position is for a Software Engineer/UI Developer and the primary purpose of this role is to engage in all phases of the software development lifecycle for a customer-facing digital healthcare platform including: gathering and analysing user requirements, designing, testing and testing and debugging programs to meet business needs. The successful candidate will have the opportunity to join the spin out company. Additional tasks will be working closely with PI and team members in School of Computer Science and School of Medicine to ensure that user requirements are met, employees will be expected to work as part of a team to ensure project success.

Salary Range: €39,000 - €45,000 per annum (Salary offered will be commensurate with qualifications and experience)

Principal Duties and Responsibilities:

- Work with the Principal Investigator and UX designers to research, guide, and execute frontend architecture changes
- To delight users with functional, customer-centric user interface
- Build reusable React components with modular CSS, manage data on the client with Redux, and test everything with Jest
- Work with the development teams to gather information about system APIs and help shape the data that is available for UI consumption.
- Liaise with customers on requirements and solutions
- Write code for web-based applications and develop prototypes quickly
- As part of a team, take ownership of code and its operations
- Write clean, maintainable code using best industry standards in Web languages
- Help the team to continuously improve their practices and technology
- Build interfaces in alignment with regulation for accessibility
- Developing and maintaining mobile applications
- Full development life cycle, running unit tests, and fixing bugs.
- Undertake any other duties as assigned by the Principal Investigator or nominee.

Selection Criteria:

Mandatory:

- Bachelor's Degree in Computer Science (or equivalent subject)
- Strong JavaScript React, HTML5 & CSS skills.
- Experience building user interfaces with React frameworks.
- Experience with git source code control, code review tools, etc.
- Software design, software debugging and software testing
- Strong automated testing skills, and a solid understanding of continuous integration practices
- Proficient in mobile app development
- Strong written and oral English communication skills

Desirable:

- 2-4 years experience working closely with key stakeholders across the engineering team, including Architects, Product Owners and UX designers.
- Experience with Agile methodologies and scrum
- Team worker and team player

If you are interested in applying for this position, please send your curriculum vitae to Dr. Nhien-An Le-Khac (an.lekhac@ucd.ie). Informal enquiries also only to Dr. Nhien-An Le-Khac.