Forschungspraxis

Development of a Personal Emergency System using Wearable Technology

Do you like Wearables?

Image source: http://www.engadget.com/

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Responsabilities

Porting of Tizen Wearable Native Applications to Android.

Development and testing of a back-end system for web-based applications.

Development and testing of Android sensor-based applications.

Optimization of applications for maximum speed and scalability.

Implementation of security and data protection.

Close collaboration with our external partners for integration of the system in their infrastructure.

Requirements

Good understanding of server-side languages and tools (e.g., Python, JavaScript, SQL, Node.js, ...)

Experience in building human-interactive Android apps using device sensor data (eg., GPS, IMU data, pressure, temperature, etc).

Good knowledge of C/C++.

Basic understanding of front-end technologies and platforms, such as JavaScript, HTML5, WebSockets.

Basic knowledge of R/Matlab.

Experience in creating robust and scalable web services, designing architecture and APIs, testing and deploying is a plus.

Good English skills required. German knowledge is an advantage.

Ideally, experience in developing software in teams with Git.

More info?
Send an email with your CV to:
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