

## PLACEMENT OFFER

### Research Assistant

Employer Information	
Name of the organisation/company:	Bay Zoltán Alkalmazott Kutatási Közhasznú Nonprofit Kft.
English name of the organization/company:	Bay Zoltán Alkalmazott Kutatási Közhasznú Nonprofit Kft.
Website:	<a href="http://www.bayzoltan.hu/">http://www.bayzoltan.hu/</a>
Country:	HU
City:	Budapest
Postal code:	1116
Address:	Fehérvári út 130.
Generic e-mail address:	bayzoltan@bayzoltan.hu
Employees (approximately):	Not set
Brief description of the organisation/company:	<p>BAY ZOLTÁN Nonprofit Ltd. for Applied Research is Hungary's leading public institution for research, development and technology transfer.</p> <p>Our mission at BAY ZOLTÁN Nonprofit Ltd. is to support and foster the development, competitiveness and efficiency of Hungarian companies through innovation and technology transfer. To perform our mission we implement national and international R&amp;D&amp;I projects through our cooperating network of research institutes. We provide complex scientific and technological solutions for our domestic and international clients, helping them to implement state of the art technology.</p>

Contact Details	
Name of contact person:	Monika Magyar
Title/ department/ function:	International Project Manager
E-mail:	monika.magyar@bayzoltan.hu
Phone number:	+36 1 463-0500

Placement Information	
Department / function:	Department of Sensor Based Infocommunication Technologies

## Placement Information

Brief description of the placement (activities & tasks):	<p>Within in our activities we put great emphasis both on acquiring information from our environment (sensor based solutions), as well as on efficient processing of information applying state of the art information analysis and management technologies (data mining and machine learning). We develop efficient distributed communication protocols for Ambient Intelligent environments and the Internet of Things, respectively design and build innovative services and applications for Intelligent Transportation Systems.</p> <p>Required expertise:</p> <ul style="list-style-type: none"><li>• Experience in software development for Android OS based mobile platforms (preferably Java)</li><li>• Knowledge related to GIS solutions and services (OSM, SpatiaLite, MapServer)</li><li>• Interest in 3D modelling and visualization solutions (Blender, COLLADA)</li></ul> <p>Tasks:</p> <ul style="list-style-type: none"><li>• design &amp; develop new applications and GUI for indoor location-based services</li><li>• visualization &amp; modelling of indoor places (building, subways, etc.)</li></ul> <p>The internship can last from 3 up to 12 months.</p>
Planned start date of the placement period:	Not set
Duration (in months):	HU
Working hours per week:	40
Through which programme(s) would you receive interns:	Yes
Trainees per year:	1
Other:	The Research Assistant van benefit from the opportunity to participate in interesting research projects and from being involved in a young & enthusiastic research group.

## Requirements

Which academic area(s) do you accept applications from?:	Software and applications development and analysis Electronics and automation
Required level of studies:	BA / BSc, MA / MSc
Language requirements:	English
Other requirements:	

## Application procedure

Deadline for applications:	31. 01. 2015
Application process:	Please apply with Europass CV and motivation letter in English.