Meyrin, 10 Oct 2013

Letter of recommendation

To Whom It May Concern

Mr Mattia Bagiella is working with us in TE-MSC-MDT section in CERN since July 2013. Our section is primarily occupied by magnet R&D and building prototypes of future accelerator magnets.

Mr Bagiella was hired on a 6 months contract for working on a specific project, namely the "Vector Traveler System". This software is a web-based application in the category of content management systems. It allows the users to interactively build working procedures in the laboratory and subsequently make observations (like numeric input, photos, comments, file attachments) as well as structure the equipment in an assembly tree (traceability).

The work of Mr Bagiella been very positive and is beyond my initial expectations. When he arrived we had a prototype Vector application running which we got from another institute we collaborate with. We initially intended to improve the user-interface and adapt it to the specific needs of our users.

Mr Bagiella quickly understood he could re-implement and extend the functionality of the existing Vector System, starting from scratch, essentially studying the old system and carefully listening to the demand of the users, as well as keep the system within established "best-practices" integration of CERN. Like using the single-sign on authentication of CERN and adhering to local nomenclature. The new database scheme is greatly simplified as the old one was overly complex. It is implemented with modern web-technology (PHP and YII framework) on top of Microsoft IIS and MS SQL database. The old system was using .ASP code and MS Access, thus not entirely web-based and with maintenance issues.

At the time of writing we have a fully operational new system. It has already been "debugged" by initial users and in the coming weeks focus will be on training more people and make further software adjustments.

I warmly recommend Mr Bagiella for future IT projects. He has proven to integrate easily into new working environments. He is very pleasant to work with and he listens carefully to the needs of the users. He is very productive and produce IT solutions quickly.

Sincerely,

Per Hagen

CERN Staff and supervisor of Mattia Bagiella, MSc in IT-technology 1989, working in CERN IT (1989-2002) with Internet, site-wide management of PCs, email, file and web servers.