

INTERNSHIP OPPORTUNITIES

for students in
Computer/Electrical Engineering, Microsystems Engineering, Computer Science or similar fields

Development of Control and Monitor Application for Houses i.e. Development of Smart
House Technology

Smart house by definition - is a house that has highly advanced automatic systems for lighting, temperature control, multi-media, security, window and door operations, and many other functions. The technology should provide security, comfort and efficiency, it also should be user friendly, not just by its easy control, but also by multitask applications. All system should be divided by separate pieces i.e. modules, which should be easy to install by client demands.

Tasks for the student:

- Develop separate modules for lighting, temperature control, multi-media or etc.
- Develop wireless communication between modules and main system or master controller.
- Develop a user interface between main system or master controller by using net browser.
- Gather all data from modules and put it in external or internal storage device.
- Check up possible communication between user and modules by GSM.

Requirements:

- Good general background in programming and basic knowledge in software and hardware engineering.
- Interest in state-of-art technologies of smart systems.
- Skills working with Arduino modules and separate hardware.

Students could offer their own internship ideas or projects which they are familiar with or wanted to accomplish for a long time. We are eager for hearing your ideas and if it is possible, we will offer all necessary equipment.

Note that for all projects there will be used Arduino development board.

We look forward to hearing from you your ideas and interests in internship.

King Regards,
Founders of the company

Additional information:

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