INTERNERSHIP VACANCY FORM

FLOOR CARE ROBOT

Select one or more of the listed categories that match with the intern position:
- Design Thinking — Strategic Design — Design Innovation — Participatory Design
- Product Design — Industrial Design Engineering — Manufacturing — Computer Science
- Interaction Design — Collaborative Design — Human-Computer Interaction — Information Design — System Design
- Other, respectively, [Enter other category here]

Category

Location of the internship
Eindhoven, The Netherlands

Internship period
February to December 2017

Application deadline
8 August 2017

DETAILS

Description of the internship
With the emergence of autonomous systems and the reducing and increasingly skilled workforce, autonomous robots will progressively penetrate new markets such as harvesting, surveillance, distribution and cleaning. Joint Robotics is currently developing an autonomous mobile robotic platform that should address various of these markets. The task within this internship is to evaluate the robot’s capabilities and opportunities within specifically the floor care business, in order to derive the various specifications, and will be done in collaboration with one of the leading cleaning organizations in the Netherlands.

- The student will first be investigating the floor care work flow and business as currently existing. In this regard, he will interview floor care professionals and customers, make field observations, develop the work flow and validate this work flow.
- Following up on this, the student will through interviews and brainstorm sessions, develop various scenarios ranging from mixed environments, to fully autonomous environments, in which the ability of our platform to support the floor care is analyzed.
- In particular, the student will derive in each of these scenarios the specifications that are required for the robot.
- Additionally, the student can develop various end-effectors (tools for the robot), that would support the robot in executing the proposed scenarios.

Student’s responsibilities
You will be embedded in a highly dynamic technology startup and will be confronted with the state of the art in robotics development and entrepreneurship. Additionally, you will have direct access to one of the leading cleaning companies in the Netherlands and learn the ins and outs of this particular business.

The company is offering

Qualification / Skills
We are looking for a highly-motivated designer, who can easily handle complex environments and constraints, who is open-minded and communicative, and who is interested in design from the strategic level, to the product level.

CONTACT

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How to apply
Please call or send us an email with CV and motivation letter.

Opportunities after the internship
(when applicable)
We are a growing and dynamic organization. If entrepreneurship is your thing, and your internship a success, we certainly can discuss employment opportunities.