

Master thesis, bachelor thesis, project thesis, internship

Implementation/analysis of exploration algorithms for drones

In the AIMS5.0 project, IPH is responsible, among other things, for providing an autonomous drone that can be used to measure an unknown environment using a laser scanner. Currently, established exploration solutions are to be compared so that a selection of methods can be made for the real experiments.



Your tasks

You will implement and optimise exploration solutions and then examine their properties. The following exciting tasks await you:

- Research
- implementation
- Redesign and customisation
- Testing and validating software quality in a simulation environment

Other tasks and topics that are of interest to you can be worked out together.

Your profile

You are studying one of the following subjects:

- Computer science
- Mechanical engineering
- Business informatics
- electrical engineering
- or a similar subject

You are interested in working on new and challenging tasks. You also have knowledge of programming with C++.

It is also desirable that you are interested in long-term collaboration after completing the task.

We offer

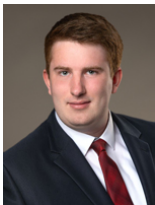
- appropriate remuneration if applicable
- independent work
- flexible working hours
- Well-equipped workplaces
- Home office by arrangement
- test realisation
- possibly long-term co-operation



Bitte sende deine aussagekräftige Bewerbung in einer einzigen PDF-Datei an jobs@iph-hannover.de.

Die Bewerbung muss Anschreiben, Lebenslauf sowie Prüfungsleistungen des Studiums / Zeugnisse enthalten.

Contact



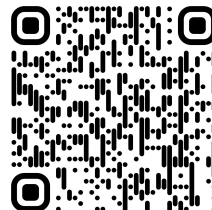
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