fortiss is a non-for-profit research and transfer institute associated with the Technische Universität München. Its main focus is on software, systems, and service engineering.

A major topic of research at fortiss is the development of tools to support the software development process. In particular, supporting the construction and certification of software for the automotive and aerospace domains is the subject of several projects currently starting or ongoing at fortiss. To help us in building these next-generation tools, we are currently looking for:

**HiWi student (m/f)**

To help on projects on the following topics:

* Gathering and refinement of software requirements for the automotive and aerospace domain, and
* Construction of technical certification arguments for embedded code, built using model-driven development techniques and tools.

The student will be expected to:

* Help in the distribution the software being built by simplifying existing install procedures and to conceive new means to easily distribute the software built during the project.
* Complete well-defined coding tasks (mainly in Java and Python).
* Build dissemination material (web pages, screencasts, etc).
* Test the software being built and contribute to the overall quality of the project's results.

We expect:

* Very good knowledge of English (knowledge of German is a plus but not strictly required).

We appreciate:

Interest in at least a few of the following areas: model transformations; software verification; software requirements; projectional editors; Integrated Development Environments in general; the automotive and the aerospace domains; embedded systems.

We offer:

* Excellent research environment in a research group associated with the Technische Universität München, which is top-ranked in Germany.
* Collaboration with leading research groups and industrial partners.
* Support for further career development in academia, industry, or as an entrepreneur.

Contact:

For further inquiries please contact Levi Lúcio (lucio@fortiss.org).