

# Tutor: Advanced Topics of Software Engineering

Tutor / Student Assistant

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Lehrstuhl 4

Software & Systems Engineering

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## Description

We are looking for tutors for the master course Advanced Topics of Software Engineering for the winter semester 2019/2020. The course covers topics such as software architecture, software design, software quality, software testing, safety, security, distributed systems, and deployment. There will be weekly exercises covering both, theoretical and practical aspects, and a project group work during the entire semester. As a tutor you will work in a small team of 5-10 people from the chair and other tutors and we will have a weekly exchange on the currently important topics.

## Tasks & Contract

The tasks are supporting in:

1. Preparation and modification of exercise sheets
2. Supervision of the project group work
3. Answering student questions in forums
4. Maintenance of the code (git) repositories available for enrolled students
5. Conducting the final exam

Tutors get a contract of 12 hrs/week (13€/h) for the entire semester (October 2019 to March 2020).

## Application

Applicants should be experienced in software engineering and ideally have proficiency in object-oriented programming in languages such as Java, C++ or Python. Furthermore, you must at least have a **bachelor's degree** as this course is only available to Master students. Applications can either be submitted in the DDI Tutor-Tool (<https://ddi.in.tum.de>) or directly sent to [elsnerd@in.tum.de](mailto:elsnerd@in.tum.de).