CLEAN CODE
A TUM VENTURE LAB COURSE

Why should you join?
Are you keen to know the value of why and how to develop software professionally? Then this exclusive TUM Venture Labs course is right for you! We will help you to gain expertise and practical experience in coding to support your development skills and therefore boost your career. Four interactive sessions combine lectures with group/pair exercises in between.

Course Description
We provide basic foundations of clean coding and agile practices, beginning with common development workflows such as branching. In pair programming sessions, you are challenged to refactor an exemplary software system, implement new features, and peer review code from other participants. Together, we will discuss pros and cons of different design decisions and programming styles.

Course Contents
- Understanding of clean code and clean architecture practices and its long-term impact
- Training in agile practices such as pair programming
- Learn how to refactor an exemplary software system and implement new features
- Development of a shared understanding of coding standards via peer reviews and discussions
- Pros and cons of different design decisions and programming styles

Join the SW/AI Venture Lab Community
The SW/AI Venture Lab aims to empower students, researchers, and entrepreneurs at TUM to apply software and artificial intelligence. Join this course to learn more about the community and future initiatives we have planned.

Learn about our offerings on https://www.tum.de/venturelabs

SW/ AI Venture Lab
The TUM Venture Labs, an initiative by TUM and UnternehmerTUM, are new entrepreneurial innovation hubs supporting entrepreneurial talent in tech-based business translation from research to business creation.

The SW/ AI Venture Lab aims to both boost Software/ Artificial Intelligence startups on their growth journey as well as support other disciplines to accelerate their innovation through Software or Artificial Intelligence. To achieve this, it offers educational courses, venturing programs, networking events, and access to resources and funding.

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Facts and Figures
- Who: 6 Master students (education informatic disciplines, basic understanding of developing software required)
- When: 4 sessions:
  - February 17th, 10:00 – 14:00
  - February 19th, 10:00 – 14:00
  - February 22nd, 10:00 – 14:00
  - February 24th, 10:00 – 14:00
- Where: online via Zoom

Registration
- Register until Friday 12th Feb 23:59
- Register under the following link: https://venturelabs.aidaform.com/registration-clean-code

Contact
- Course Related: kross@fortiss.org
- Venture Lab Related: venturelabs@tum.de