

The Full Professorship Financial Accounting (Prof. Dr. Jürgen Ernstberger) offers the following IDP (interdisciplinary project):

Literature Recommendation Software

Writing a bachelor or master thesis is not easy. You must spend hours over hours on reading literature and extracting relevant content of it. In fact, searching for appropriate literature is one of the most time-consuming elements in academia.

The aim of this IDP is to develop a recommendation software for researchers that, using topic modelling techniques like LDA or LSA, automatically recommends specific papers when writing your thesis. Already having a large dataset at hand, we want to build a software that can give recommendations on related literature when writing a thesis, being able to learn what the author selects, given his specific text, to refine recommendations.

YOUR RESPONSIBILITY

We are looking for a group of 2 - 3 students working in full- or part-time. The project starts as soon as possible. We expect you to work independently with regular touchpoints and guidance. We recommend you modules in our curriculum which support your project work.

YOUR PROFILE

- Strong analytical and project management skills
- Ability to work independently
- Programming skills (e.g. Python, JAVA etc.) required for building recommendation software

WE OFFER

- Good atmosphere, open dialogue and support
- Experience in successfully managing student projects

CONTACT

Please send your application, including CV and transcript of records to Florian Schramm (florian.schramm@tum.de). In case of questions do not hesitate to contact us.