BUILDING A DIGITAL FINANCIAL ASSISTANT
BACK-END DEVELOPMENT

ABOUT US
We are passionate about Financial Technology and investigate how it influences consumer behavior. To address related research questions we collaborate with banks as well as FinTechs and harness the power of big data and large-scale field experiments. Moreover, we are leveraging technology to create our own unique research environments by building proprietary digital financial products that aim to improve consumer financial decision making. With our research we want to increase the positive impact of Financial Technology on society!

YOUR PROJECT
We are looking for project students (m/f/d) in full- or part-time to support us in building a digital financial assistant. Your tasks will be:

- Build a digital financial assistant based on Rasa open source conversational AI in close cooperation with our team.
- Deploy the assistant on a virtual server (via Docker Compose or Helm Chart) within a cloud-based infrastructure (e.g. Google Cloud Platform or AWS)
- Connect the assistant to multiple external communication channels (e.g. Slack, Telegram, Web, etc.)
- Connect the assistant to a backend environment (e.g. a database)
- Develop a cross platform mobile app (e.g. with Flutter) for the assistant

WHY JOIN US
- You are part of an aspiring new chair that is dedicated to shape digital finance
- High self responsibility: bring your own ideas and shape your work
- Get to know cutting edge technologies used by FinTechs (e.g. Metabase, Rasa)
- Agile, start-up like working environment
- Working flexibly and remotely
- And above all: Have fun working in a young, dynamic & interdisciplinary team!

WHO YOU ARE
- Outstanding analytical skillset, with the ability to break down complex issues
- Team player with a self-driven personality and a hands-on approach
- Prior experiences in Engineering or Data Science are beneficial

If this sounds interesting to you, send your CV and transcript to Emanuel & Andreas. We are looking forward to meeting you!

Benjamin Loos
Professor
Chair of Digital Finance

digital.finance@tum.de

Emanuel Renkl
Research Assistant
Chair of Digital Finance

Andreas Wittmann
Student Assistant
Chair of Digital Finance

+ 49 (0) 89 289 25801
Arcisstraße 28, 80333 Munich