INTERDISCIPLINARY PROJECT: DEVELOPMENT OF A FINANCIAL AGGREGATOR APP WITH AN INTEGRATED CONVERSATIONAL AI ASSISTANT

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!

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 and infrastructure used by FinTechs (e.g. Google Cloud Platform, 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
- Passionate about Digital Finance & FinTechs
- High interest in App Development, Conversational AI / NLP, Back-end Architecture or Cyber Security & Data Privacy
- 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

Possible Roles

**Financial Aggregator App**  
#React #JavaScript  
Further develop our Financial Aggregator App: Implement a user-friendly front-end in cooperation with a UX-Design Team.

**Digital Financial Assistant**  
#NLP #Rasa #Python  
Further develop our Conversational AI Assistant based on Rasa Open Source in cooperation with a Conversational Design Team.

**Back-end Architecture**  
#Microservices #Cloud  
Maintain & further develop our cloud-based IT-infrastructure (Google Cloud Platform, Docker, Kubernetes, etc.) as well as maintain & further develop a strong and secure database infrastructure (SQL, Metabase).

**Cybersecurity Assessment**  
#Security #GDPR  
Support us in building Cybersecurity Processes such as the ones given below. Compliance: GDPR, German Health Directives / Technical: Vulnerability Assessment & Penetration Testing of APIs, Secure Code Review, Data Security.

You’re possible to shape this project based on your skills and interest.  
If this sounds interesting to you, send your CV and transcript to Emanuel & Andreas.  
We are looking forward to meeting you!