CHAIR OF DIGITAL FINANCE

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, Back-end Architecture, Conversational AI / NLP, 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/Focuses

Front-end

Advance our Financial Aggregator App focusing on the front-end. Learn to implement user-friendly UI/UX for our cross-platform app.

Back-end

Advance our Financial Aggregator App focusing on the back-end. Maintain and develop our cloud-based IT-infrastructure as well as implement back-end features required by the app.

AI Assistant

Further develop our Conversational AI Assistant based on Rasa Open Source. We are aiming to implement a “Siri for your finances”.

Cybersecurity

Support us in building a secure finance app that complies to security standards. Compliance: GDPR, German Health Directives / Technical: Vulnerability Assessment & Penetration Testing of APIs, Secure Code Review, Data Security, ...

Kick-Off: May 2022 | Application Deadline: 07.04.2022 | Team Size: 4-6 students

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!

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