



Senior Researcher (m/f/d)

Token Engineering & Blockchain Business Applications

Are you interested in analysing blockchain applications from a business perspective, designing token economic systems that address various challenges of business and non-profit organisations, and exploring the wider ecosystems surrounding blockchain protocols? Do you want to contribute to the evolution of this nascent field not only from a practical but also from a scientific side?

We are expanding our team for applied research projects with a

Senior Researcher (post doc) in the field of Token Engineering & Blockchain Business Applications

What we offer

- Full-time employment (40h/week) working on
 - national and international projects with well-known partners
 - collaborating with industry experts and innovators
- Continuous scientific exchange with leading scientists at ABC and our scientific partners
- Opportunity for independent and joint publication of research results in scientific journals and at conferences
- Working in an interdisciplinary team of international researchers
- Flexible working hours; option for part-time employment
- Workplace close to the underground (U1)

Your tasks include

- Foundational research on cutting-edge blockchain topics (e.g., interoperability, ecosystem development, token system design ...) in cooperation with our scientific partners
- Summarising your research in scientific publications
- Management of small- to medium-sized project teams including
 - leading the planning, organisation, preparation, and follow-up of all project-related activities (research, workshops, reporting, publications etc.)

- coordinating of researchers, external experts, and developers including
- mentoring of and knowledge transfer to junior researchers
- communicating and coordinating with company partners
- Work on applied research projects in the field of token engineering and blockchain business applications including
 - researching the latest trends and developments in blockchain/DLT solutions regarding their applicability for current projects
 - designing blockchain-based business processes, token systems and digital business models
 - creating use cases for tokens, protocols, DAPPs and DeFi
 - creating, testing and implementing system mechanisms and stakeholder incentives
 - deriving system properties and characteristics
 - roadmap, audit, and design economic and governance systems
 - contributing business expertise to the engineering process
- Engage in public speaking, research, and education initiatives
- Administrative work

Who you are

- PhD or doctoral degree in business administration, finance, economics, business informatics or comparable
 - Applicants currently in a Phd or doctoral program will also be considered for this position based on their experience
- Enthusiasm for and in-depth knowledge in blockchain technologies and/or DLTs
- Extensive experience with (scientific) research, ideally in blockchain-related topics
 - Experience with publishing scientific papers is an advantage
- Interest in academic work including publishing in the field of Blockchain
- Pro-active mindset and high degree of self-organization
- Excellent English skills in writing and speaking (ideally also German)
- Ability to manage teams and projects including good communication skills

The minimum gross salary (full-time) for applicants with a completed PhD is salary is € 4,265.00. Our final offer depends on your qualifications.

The Austrian Blockchain Center (ABC) is an application-oriented, nationally funded research centre. The mission of the Center is to be the Austrian one-stop-shop research centre for Blockchain (and related) technologies used in industrial applications such as Industry 4.0 / IoT as well as in finance, energy, logistics, government and administration applications. Together

with our scientific partners, we provide services to a wide range of industries, from financial services to manufacturing.

Are you interested?

Please send us your CV and a motivation letter to jobs@abc-research.at!