



ABC Research GmbH
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Researcher/Senior Researcher (m/f/d)

Computer Science with Blockchain Experience

Do you have experience with blockchain or related technologies? Would you like to scientifically develop yourself in this field? Are you a researcher and developer? Perfect! Then you have come to the right place.

We would like to expand our team with researchers (m/f/d) in the field of computer science with experience in topics related to blockchain technology.

You should have

- Master's degree in computer science, business informatics or comparable education.
- *For senior position:* Doctorate desirable
- Good knowledge of one or more modern programming languages (e.g., Rust, Go, Solidity, Typescript, Java, Python...)
- Experience with (and enthusiasm for) blockchain technologies or DLTs
- Interest in solving complex problems related to the coordination of different stakeholders in distributed systems
- Fluent in English (ideally also German)
- Ability to work in a team and good communication skills
- High degree of initiative and self-organisation
- Experience with development of DApps or smart contracts is an advantage
- Experience as a (full-stack) developer is an advantage
- Experience with publishing scientific papers or technical reports is an advantage

Your tasks would include

- Prototypical development of DApps for different research projects (e.g., in the areas of supply chain management, payment systems, and tokenization).
 - using appropriate blockchain technologies (Ethereum, Hyperledger Fabric...) depending on the project
 - participation in the design of suitable system and software architectures
 - implementation of simple frontends to demonstrate the functionality

- Coordination with customers regarding requirements and interfaces
- Foundational research on cutting-edge blockchain topics (e.g., interoperability, tooling, security, IoT...) in cooperation with our scientific partners
- Researching the latest technologies and products in the blockchain/DLT environment with regard to their applicability for current projects
- Collaboration on scientific publications

We offer

- Attractive tasks in national and international projects with well-known companies
- Collaboration in an interdisciplinary team of researchers
- Attractive full-time employment (40h/week), part-time employment also possible
- Opportunity to write a doctoral thesis (in collaboration with our partner universities)
- Continuous scientific exchange with leading scientists at ABC and our scientific partners
- Opportunity for independent and joint publication of research results in scientific conferences and journals
- Working in an international team
- Flexible working hours
- Workplace close to the metro (U1).

The minimum gross salary (full-time) is € 3,282.00 per month (14 times per year), and with a completed PhD the minimum gross salary is € 3,967.00 per month (14 times per year). 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!

We would like to increase our share of women and would be happy if we could fill these positions with women.