Quantum Algorithm Developer

ParityQC
(Innsbruck, full time, m/w/x)

ABOUT THE JOB

We are looking for a Quantum Algorithm Developer who will join our team of Quantum Physicists creating next-generation quantum computers. The role involves mainly the development of algorithms and quantum hardware using the ParityQC architecture. We are developing ParityOS, a toolchain of software that translates optimization problems from its raw mathematical formulation to a complete quantum program.

YOUR TASKS

As a Quantum Algorithm Developer you will develop pioneering algorithms in the realm of quantum computing and join us in building the world's most scalable architecture for solving optimization problems. You will encounter many challenges which will give you the chance to grow in your role, and you will increase your knowledge by discussing and working within a world-class team of experts from around the world.

SKILLS & EXPERIENCE

Required Skills & Experience
- PhD in quantum physics (theoretical physics), experience in quantum computing
- Programming skills (languages: Python, C, C++)
- High degree of creativity and pro-activeness
- Ability to work self-initiated and independently
- Fluency in English

Preferred Experience
- A proven track record in quantum physics and in particular quantum information

OUR OFFER

We are a young spin-off working in one of the most exciting emerging technology fields. There are no long-time proven concepts on what we are doing – we need to invent everything from scratch, and we are therefore able to shape a whole new generation of computing. We are pioneers in this field and develop the blueprints for the upcoming generations.
Please submit a cover letter with your application

HARD FACTS

Job: Full time
Hours of work per week: 38,5 hours
Remuneration: based on experience
Place: Innsbruck
Contact: recruiting@parityqc.com

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