IDP: Enhanced Data Evaluation via Neural Networks for Quantum Imaging

What we are looking for?

- Currently pursuing a degree in computer science or related field and strong interest in the physics of quantum mechanics
- Strong knowledge of programming languages in particular Python
- Familiarity with software development tools and methodologies
- Strong communication skills

Project tasks and goals

- Understand data generation through quantum sensors and requirements for interpretation
- Develop advanced image processing algorithms based on existing software
- Implement automated analysis software and develop data visualization tools
- Train machine learning models and neural networks for image comparison

What we offer?

- First-hand insight into one of Munich's most exciting deep tech start-ups
- Daily interaction with the software team in our office located at the WERK1 near Ostbahnhof
- Shape the company with your ideas and potentially join us early on

Interested?

Apply as an individual or team of 2-5 people for three months full-time or six months part-time. Application deadline is April 15th.

Send your CV, the exact start date and proposed team members to:
daniel.illner@quantumdiamonds.de

About us

We are a Munich-based deep tech startup that wants to bring quantum technology to the next level

We develop and sell ready-to-use diamond-based quantum sensors for various applications including, e.g., medical devices, semiconductor quality control and quantum computing

Late 2023, we have closed our seed round and have opened up our office at the Werksviertel in Munich

Kevin Berghoff

Dr. Fleming Bruckmaier

McKinsey & Company

ETH zürich

European Innovation Council

Munich Quantum Valley

UNTER NEHMER TUM