Diminishing interest rates and a stagnating economy make it hard to find attractive investment opportunities. Especially small and medium-sized investors without access to sophisticated financial products and professional advice are struggling to build wealth. Newgate is helping these investors by offering a comprehensive platform for the management of digital assets including AI-powered portfolio optimization and cross-platform trading and therefore granting easy access to this new asset class for everyone. Join us on our mission to revolutionize digital asset investing!

**Your Role**
- Design, develop and evaluate a deep learning model for time series momentum strategies in digital asset investment
- Build an efficient input pipeline including data preprocessing and preparation
- Adapt and test the trained model for deployment in a real market setting
- Work closely with backend development for optimal interface design and integrate your results into our digital asset management platform

**Your Profile**
- Profound knowledge of supervised deep learning, convolutional neural networks and recurrent neural networks
- Experience in feature extraction and data preprocessing for machine learning experiments
- Advanced programming skills in Python & Tensorflow
- Practical experience in model and hyperparameter optimization
- Target-oriented, fast-learning, driven workstyle with analytic problem-solving skills

**Your Benefits**
- Work with state-of-the-art technologies in a flexible and friendly environment
- Develop your own ideas and transfer knowledge from your studies to complex problems in order to create real world impact
- Drive forward AI technologies in digital assets and be part of the AI / Crypto movement
- Gain key insights into fintech and learn a lot about capital markets and digital asset investing

*Interested? Send an application including your CV to Lisa Knauer (lisa.knauer@tum.de or call +49 89 289 25485)*