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 effective ways to extract valuable information directly from the Bitcoin and Ethereum blockchains
- Build an efficient parsing service for the real time acquisition of transaction data
- Identify macroeconomic indicators for market predictions
- Work closely with backend development for optimal interface design and integrate your results into our digital asset management platform

**Your Profile**

- Profound knowledge of blockchain technology & data mining
- Experience in feature extraction and data preprocessing for machine learning experiments
- Advanced programming skills in Golang & Python (Matplotlib is a plus)
- Bonus: knowledge and/or practical experience with parameter search algorithms
- 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

**IDP: Blockchain Data Mining for Deep Learning Models in Digital Asset Markets**

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