



## Software Developer

Location	London / Remote	Type	Permanent
Industry	Finance / Trading	Start Date	ASAP

### Company Description

Savernake is a high growth quantitative investment management company specialising in adaptive machine learning. Its core focus is using artificial intelligence and machine-learning systems to trade futures markets, adapting in real time to changing conditions. This approach enables us to produce exceptional returns for our investors whilst protecting against strategy decay.

### Culture

The team is made up of highly motivated, quantitative, and technology-oriented individuals as well as strong support from a non-Executive group. It is seeking to expand substantially with additional hires, organisational development, system resources and expansion to additional markets.

### The Role

We are looking for a driven, ambitious individual who is an experienced C# .NET Software Developer, to help our team further design and develop a robust trading platform and scalable predictive software system.

### Some of the things you'll be involved in (not limited to) ...

Gathering requirements, designing, documenting, implementing, and maintaining a scalable, genetic algorithm based, software system.

Similarly gathering of requirements, redesigning, and improving the existing suite of real-time, low-latency, algorithmic trading platform components with a view to further lowering the end-to-end trade latency.

Directly liaising with both the CTO and CEO on the current performance and future direction of the systems.

### You will have the following skills and experience...

A degree (2:1 or above) in computer science / software engineering or compatible discipline.

3+ years of recent, professional experience working on a software development project of a complex nature, using C# (ideally .NET 5 or 6). Ideally with real-time, multi-threading experience.

Solid experience of trading platforms and low-latency algorithmic trading systems. Ideally experienced in dealing with multiple exchange connections.

Experience of container-based systems (e.g. Docker or Kubernetes) and hybrid-cloud solutions would be an advantage.

Experience with SQL databases (e.g. PostgreSQL).

Understanding of the Azure DevOps environment and systems (e.g. pipelines, agents, etc).

Appreciation of key design patterns, practices, security principals and their practical application.

Ability to work within a dynamic and rapid code development culture without sacrificing quality.

Excellent communication skills.

Fast learner and self-starter, able to work independently as well as part of a team.