Neuburger Berman

Mortgage transition model

* 1. Expand cash flow modeling (Markov chain: how mortgage goes)
  2. Differentiate traditional and new loans

ML

1. capture key macroeconomic dynamics with generative AI. Specifically, develop processes to keep track of strategists / economists’ views and identify any shifts in views and their drivers, focusing on US and European rates market

vectorization

contexualize data

Solytics Partners

AMA(Advanced Measurement Approach) calculate operational risk and how to cover potential losses

NLP

Manteio Capital

1. deal with arbitrage (fixed income & treasury bond)

Use cutting edge AI to generate alpha

ML and time series analysis

Irrational Capital

Systematic strategy

Build tools to analyze public sentiment

NLP machine learning

Alpha Roc

Survey consumers reconstruct tradable

需要去年的人

BlackRock

What drives inflow and outflow of mutual fund

Eg. fund relative performance

(time lag to react and show pattern)

Fund relative performance in Morningstar Category

BOA

Customize GPT

(machine learning LLM 的要求)

BCamp （可以考虑）

How to use Blockchain to facilitate new forms of co-op

Bloackchain: Blockchain is a shared, immutable ledger that facilitates the process of recording transactions and tracking assets in a business network.

Patronage dividend

Innealta Capital 申这个这个这个！！！有summer intern的机会

Recruit talent (deliverables, long-term interview process)

Summer intern: several technical rounds or end of program

Bodhi Research

Simulate real life job experience

CloudQuant (need quant trading strategy)

We have a wide variety of alternative datasets ranging from money flow, earnings surprise, options greek flows, and more. Project lab students will gain access to these datasets along with market data to create and backtest strategies of varying hold times to identify alpha opportunities. They'll also have access to our backtest pipeline to output strategy results and KPI's from the portfolios they create.

Dv trading

C++ required

Loomis

Entropy

Vance Fund

Find further ways of exploiting the existing factor we have identified through rigorous backtesting and hypothesis testing.