

# Portfolio Manager Application

## About Me

I have always been a contrarian by nature. My life has included extraordinary adversity—challenges that could either break a person or forge them into something resilient. I chose resilience. After studying Information Systems Science at the University of Jyväskylä, my path took an unexpected turn in 2018 when random violence left me with a spinal cord injury. This event sharpened, rather than diminished, my determination.

These experiences have provided me with exceptional resilience and adaptability—qualities I consider among my greatest strengths both professionally and personally. My innate curiosity drives continuous learning; with tools like ChatGPT, my ability to rapidly assimilate complex concepts has accelerated significantly. These qualities—resilience and adaptability—are precisely what Sam Altman, CEO of OpenAI, has described as the most valuable attributes for success in professional life.

**Because a lack of experience working in financial institute I decided to write a essay-like letter which I hope will clarify my thinking and explaining my edge.**

**I hope you take some time to read it and see that I would be asset to your company.**

## Philosophy and Mindset

I view reality as something shaped by action—not merely observed. Both cognitive science and quantum physics suggest outcomes emerge from interaction. Our brains do not passively record the world—they construct it through choices, attention, and deliberate action. This realization empowers me to actively shape my reality, pursue goals with determination, and adapt relentlessly to challenges. This mindset influences how I approach problem-solving: I engage, iterate, and refine ideas continuously, seeing thinking itself as active participation.

You don't have to have a brain of einstein to master things. You just have to pursue what you really want and constantly evolve. Problems you encounter will solve one way or another. You are not experiencing the reality, you are making it.

- **Markets are narratives in motion**, and my edge lies in detecting shifts in the *story* before they appear in the numbers.
- **Risk is not variance—it is blindness to context**. The 2022 Netflix collapse (detailed later) taught me that even strong theses require dynamic hedging when macro conditions pivot.
- **Intuition is compressed experience**. After tens of thousands of hours studying price action, I've developed a probabilistic "feel" for dealer gamma flows, liquidity voids, and behavioral extremes.

This mindset is why I've succeeded in roles that don't yet exist—like synthesizing crypto Twitter sentiment with traditional macro models.

## Professional Experience and Skills

Over the past seven years, I have immersed myself fully in financial markets, managing personal and client portfolios in equities, derivatives, futures, options, and cryptocurrencies. While I have not

managed institutional-level capital, I am confident my decision-making skills scale effectively, whether managing €1,000 or €1 billion. I am an excellent writer in both English and Finnish, experienced in producing clear and insightful market summaries and analyses in both languages.

Having spent tens of thousands of hours studying portfolio management and trading—facing failure many times but never giving up—I have developed a skill set that I believe is rare in the Finnish financial sector.

**My edge is a blend of macroeconomic analysis, disciplined risk management, and intuitive understanding of market dynamics. I am able to extract meaningful signals from public information—often seeing the trajectory of a company before it is fully reflected in the numbers.**

Over the past several years, I have actively managed multiple portfolios, most of which are constructed primarily using derivatives—including options, futures, and volatility products—alongside selective equity and crypto allocations. My approach emphasizes risk-adjusted returns, strict risk management, and systematic strategy development.

#### **Risk & Performance:**

- **Annualized portfolio return (2019–2025):** +32% (estimate)
- **Max annual drawdown:** -25% (2022, detailed below)
- **Sharpe Ratio:** ~1.3
- **Downside risk controls:** All trades entered with defined stop-loss or risk parameters; never breached personal/max client loss limits

Between 2019 and 2025, I experienced one negative year. In 2022, I was heavily exposed to call options on Netflix—a position that, in hindsight, was misaligned with the shifting macroeconomic environment as inflation and rising interest rates took hold. The situation escalated with the onset of the Russia-Ukraine war, which triggered a sharp market downturn. My unhedged calls quickly lost significant value. The challenges compounded with a major earnings miss, as Netflix suffered a sudden drop in subscriptions and the stock declined an additional 20% in a single day. This period resulted in a 25% drawdown in my personal portfolio and a 15% drawdown in client portfolios. While painful, it was a transformative experience—the first true bear market I had encountered—and it fundamentally improved my approach to risk management and position sizing going forward.

## **Investment Cases**

### **NVIDIA: Early Conviction in Unseen Potential**

In 2019, I recognized that NVIDIA's business had far broader implications than just gaming chips. While most of the market still categorized it as a gaming-focused company, I identified its position at the heart of coming technological shifts. By combining technical understanding with close industry listening and research, I realized early on that NVIDIA was much more than a gaming chip manufacturer.

I urged my brother to invest his spare capital in NVIDIA, describing it as “the opposite of a value trap” and “like buying Nokia when it made shoes” —the market was missing the transformative potential of their chips. Though he and others initially saw it as overvalued, my conviction in that early call led him to later trust me with managing both his personal and his company's investments. This trade ultimately reflected my ability to listen to the right people—especially by paying attention to leaders like Jensen

Huang who understood NVIDIA's true potential—and to recognize hidden narratives and anticipate sector rotations before they became consensus.

## **Apple Short**

Between 2023 and 2025, I took multiple short positions in Apple, notably profiting in 2025 as it became clear their innovation pipeline had stalled, iPhone sales were declining, and the company was late to the AI race. It was increasingly apparent to me that, after the passing of Steve Jobs, Apple's pace of innovation slowed and competition in the sector accelerated.

Despite the company's strong brand and Tim Cook's excellent performance in maximizing profitability, I anticipated a shift in the market narrative that many overlooked. These trades required conviction and discipline, and they illustrate how I synthesize macro, narrative, and behavioral factors to act when consensus is slow to adapt.

## **Bitcoin**

When I first invested in Bitcoin and Ethereum in 2019, my economic understanding was not as advanced as it is today. At the time, I entertained the idea that Bitcoin could potentially disrupt traditional money. I saw an asymmetric risk. Over time, my view has become more nuanced as I've studied the fundamentals of monetary systems.

The concept of money is essentially a collective agreement about value—it is a medium of exchange for goods and services with real, intrinsic worth. For money to function in a capitalist society, moderate inflation is essential; deflation discourages spending and investment, which ultimately stalls growth. This is why central banks target a 2% inflation rate.

Bitcoin is fundamentally deflationary by design, making it less practical as a currency and more comparable to a digital version of gold. However, gold has established itself as a store of value over thousands of years, while Bitcoin's track record is much shorter and its behavior in markets has resembled that of a speculative tech stock rather than a stable store of value.

In my view, markets are right to value Bitcoin as a high-volatility, speculative asset akin to a tech stock—especially given its rapid price swings and narrative-driven cycles. While there are real use cases for Bitcoin, many of them exist in regulatory grey areas, which further complicates its role as a reliable store of value.

Therefore, bitcoin has value and it is a legitimate financial asset with some ethical problems, it's technology to transfer money peer to peer. Currently it's fair value lies around 50-60k dollars measured by it's active users. Meaning I profited from this trade even my thesis was faulty. Now i would not short it but I would construct so called "cash and carry arbitrage" trade, where I own bitcoin, but i'm short futures at the same time collecting the funding fees.

## **Experience in Derivatives and Crypto Trading**

My long experience as a day trader and investor has provided valuable lessons about markets and myself. Trading is a direct player-vs-player game: your profit is someone else's loss, but it is also a game against yourself. It has taught me discipline and patience—even as someone with ADHD. I have used a variety of sophisticated strategies, from data-driven systems that can be automated to discretionary setups combining intuition, order flow analysis, and technical analysis. I have traded nearly all major

financial instruments and always keep a real-time news feed visible, allowing me to react quickly and effectively to new information.

In crypto markets, I utilize volatility, often taking both short and long positions simultaneously and tracking real-time liquidations to use that liquidity for profit.

In options markets, I focus on dealer hedging flows and use these pathways for profit. I study how second-order Greeks like gamma and vanna affect dealer hedging, influencing short-term price action. I see this as a probabilistic tool—a lens for understanding flow risk, not a direct signal.

Futures market was the first market I ever traded. I started without proper knowledge of how the markets work, so it was just gambling at first. Didn't have the right tools and didn't know the right data to watch. Even though my first years were a disaster, I learned to watch charts and developed great pattern recognition skills, which are still valuable when analyzing any stock or market. Staring at the screen 24/7 wasn't good for my mental health, but I developed intuition so deep, I'm able to make very high-level decisions very fast, even though I'm definitely not the fastest thinker.

## Modern and Unconventional Data Sources

one of my key strengths lies in leveraging non-standard, advanced data sources to support investment analysis. I actively monitor sentiment across various social media platforms—not passively, but through multiple curated profiles tailored to different perspectives. Some accounts are tuned to track retail sentiment and influencer hype, while others focus on institutional voices and professional discourse. I spend a great deal of time in comment sections, which I often compare to microcosms of market behavior—chaotic, emotionally charged, but rich with signals if interpreted correctly.

These digital environments offer a raw, unfiltered look into collective psychology. Much like order books, comment threads reveal positioning, emotional extremes, and when a narrative might be peaking. Sometimes I align with these signals, and sometimes I take the contrarian view when herd behavior becomes too obvious. By treating digital sentiment as a probabilistic input—never as gospel—I can more effectively anticipate narrative shifts, crowd mispositioning, and eventual mean reversion.

I'm currently planning to automate the sentiment check as much as possible because it takes so much time.

## Intuition and Deep Knowledge

A contrarian approach to markets can be either a disaster or an edge. For me, it has evolved into an edge. Knowing when to go against consensus requires deep understanding and the ability to act quickly. If someone asked me how to make money in trading in one sentence, I would say:

**define normal conditions in your market, wait for those conditions to change, and bet on a return to normal.**

When J. Robert Oppenheimer assembled the team for the Manhattan Project, he didn't just select experts in physics and mathematics—he chose people with such deep understanding of their fields that they operated on an intuitive level. When you operate at that level, you're not just following models or rules—you're creating state-of-the-art solutions. You're able to design portfolios that are not only creative, but also highly efficient. You make decisions faster, better, and with more precision, because you're not relying solely on data—you're reading the narrative beneath it.

## **Game Theory**

I have integrated game theory into my trading strategies, particularly for shorter timeframes. It is a powerful tool for understanding how market participants position themselves and how they might react. Observing how the majority anticipates the same outcomes often reveals opportunities when the unexpected occurs. Recognizing and capitalizing on these moments requires deep insight into market psychology and structure. This is important part of my edge in day trading

## **Applied Mathematics in Finance**

I am still in the learning phase of applying advanced mathematics to finance, and continuously enhance my skills through self-directed study of linear algebra, statistics, portfolio risk analysis, and optimization techniques (hedging, PCA, efficient frontier analysis). While I am not formally credentialed as a quant, I have acquired foundational expertise through dedicated self-learning, experimentation, and practice. Joining Alexandria Rahastoyhtiö would allow me to accelerate this process, developing these skills to a world-class, institutional level by collaborating with experienced experts.

## **Personal Strengths and Motivation**

Warren Buffett's extraordinary long-term success was not only due to his exceptional skill in managing money, but also because he was widely recognized as honest and trustworthy. In the world of finance, trust is the ultimate currency—and it is built on consistent integrity, ethical standards, and transparency.

In addition to my analytical and technical strengths, I hold myself to the highest ethical standards and integrity—qualities fundamental in financial services. I understand that in portfolio management, reputation and trust can take years to build but only seconds to lose. My strong risk awareness, reliability, and ability to work collaboratively have earned me trust among peers and clients alike. I am fully committed to continuous professional development and always act in the best interest of clients, the institution, and stakeholders.

Mathematical reasoning and problem-solving come naturally to me. At 22, without traditional preparation, I gained admission to several competitive universities through logical reasoning and analytical skill.

In my pre-injury career, I built strong social skills and became adept at client-oriented presentations—communicating investment ideas and strategies clearly to clients, stakeholders, and teams.

## **What I Hope for in My Work**

I believe that the efficiency of markets comes from the absence of hierarchy. Every participant—regardless of experience or background—can express their views through action. In that way, markets constantly self-correct and evolve. I believe teams should work the same way. A structure where everyone can contribute without fear or shame produces better decisions—not just ethically, but also functionally. Even people who are wrong are sometimes right at just the right moment; if they've been silenced, the group misses out on that insight—and that's a structural loss. I want to work in environments where ideas, not titles, win.

In my ideal workplace, I value openness, mutual respect, and the freedom to question established thinking. I hope to join a team where diverse perspectives are not only welcomed but actively sought out—where intellectual humility is seen as strength and curiosity is celebrated. I thrive in an atmosphere where mistakes are viewed as opportunities for growth, and where continuous learning is a shared priority.

## **What extra value I bring**

What I bring to your company is not just passion, but also practical, proven experience. I've actively managed multiple portfolios using a blend of fundamental analysis, data-driven decision-making, and deep macroeconomic insights.

I also view my ADHD as a superpower—it gives me intense focus, pattern recognition, and drive when engaging with complex and fast-moving systems like financial markets. I'm excited to learn, contribute, and grow together with the talented team.

I sure have a lot to learn, but I believe I can bring some fresh ideas—new kinds of approaches. The fact that I have my ADHD superpower and limitless curiosity to learn more—the lack of work experience is more than compensated with real passion, fresh ideas, and the state of hyperfocus, which is like flow state but so deep that I can work 24 hours straight and never lose focus. It sure is not healthy, but I genuinely enjoy it and of course, it is next-level productivity.

I constantly learn new things, and AI has made learning new skills easier than ever. I leverage AI all the time, and people who don't, they fall behind.

The AI is going to change how we work entirely -- if i'm in your team, you will always be one step a head of your competitors in that field. I study everyday the newest tools to automate tasks to enhance productivity. The upcoming years productivity will skyrocket and you want to be in that boat.

Thank you sincerely for considering my application.