Hi, my name is Voon Hooi. My fellow colleague called me Voon.

I was a physicist, got my PhD in NTU, Singapore 2007. I have an analytical mind, I likes Physics because I like to understand how laws of universe work. When I am near graduation, I have taken Master of Financial Engineering in NTU as well, it has a collaboration with Carnegie Mellon University, where we will spent final semester there.

When I am out of my study, my first job is with local hedge fund. It has a small AUM of about 70millions. The company has 10 people. I am with the research division, where we will study the market and try to develop trading strategies. What I have done back then is mostly quantitative strategies. Like Statistical Arbitrage on US equities. I have also research quite abit on portfolio optimization. Like how to optimize the Tail-Risk given a certain return threshold, optimize on Omega ratio etc.

Ultimately, the fund did not survive and we have to look for jobs by end of 2010.

DBS

I joined DBS Bank 2011 in the Risk Analytics. This is the pivot point of my career, where I started my risk management career. In DBS bank, I am in the Market & Liquidity Risk Department, which has about 80 people. The Risk Analytic team, is the most quantitative team in the entire DBS Bank, alongside with the Front Office Quant team. The team has two main roles,

1) Perform model validation on all Front Office Pricing Model.

2) Develop and warehouse all risk model

In the first role, basically all models that the Bank trades has to go through our team (like Callable Swap, FX Target Redemption, rainbow option, convertible bond etc). We have to give the greenlight that the model is good to use. When front office wants to trade a deal, and gave us a model, we have to look at the model from market risk perspective, hedging and code the model. We have to cover across different asset (like IR, FX, EQ, Hybrid, Commodity), as we don’t have specialized person doing one asset.

In the second role, we have to develop liquidity, counterparty risk model. For me, I have done some work on deposit run-off and its interest rate management.

Cargill

I join Cargill in 2019-Feb. Cargill is a diverse commodity firm, with different streams of Business Unit. The Business Unit I joined, is the Metals Division, where we trade mainly Iron Ore and Steel. The income comes solely from Trading activities.

My title is Senior Quantitative Risk Analyst, and I report to the Head of Risk. The team oversees the Market Risk of Metals Division book, where we have to monitor, measure and escalate if we see any risky position. The risk team work very closely to the traders; trader will consult myself regarding risk, Greeks and sometimes PNL. I, myself, is the most quantitative person in the team, and quantitative risk numbers – from coding to the final VaR numbers is my responsibility. All Option PNL, and Greeks also is within my responsibility. When there is a structured product that Business want to deal, I would be responsible in assessing the risk in terms Stress, VaR, Greeks, model risk etc.

I operate quite independently, my boss, the head trader relies on me to provide the solution. I independently coded a VaR calculator, entire options book analytics, greeks, stress greeks. Recoded the VaR process into Excel VBA. Credit Risk Team needed a Potential Future Exposure on major counterparties, I coded that.

We have weekly Risk Call, where we will look at the positioning, and highlight any potential risk if we do see any.

Quarterly trading review, we analyze sub-book performances PNL. How they did given the market condition, their various performance ratios.

**Why switch to Cargill?**

DBS Bank is a good bank, and I learned a lot from the Risk Analytics team, and progress a lot from Associate to VP. To grow myself further, I needed to move. I don’t find moving in a different team in DBS can give me that satisfaction. As long as I am in the same bank, I am still looking at the same product, portfolio, dealing with the same people. At the end, I decided to look outside.

This is how I ended up in Cargill Metals. I get to be much closer to the business, it is a trading house that take risk. I can contribute directly to the PNL and risk management. This has positioned me for my next move, to the hedge fund.

**Why GAMA?**

Cargill is solely trades on commodity, and mainly steel and iron ore nonetheless. The product complexity and coverage is not as wide. My ideal working place would be somewhere where I can expose more asset class, with more complexity. A hedge fund would offer the intellectual challenge I needed, and is a right move

**Question to Stephane**

1. I understand that this is a replacement role for two headcounts that has left. So, I am wondering what has changed now compare to when there is 2 persons; and what are the expectation
2. Just by comparing how Cargill Metals trading activity, we made $130mil per year, we have about 20 traders, risk team has 6 persons. How did GAMA manage a $2.5bn asset, across all asset class, with a market risk team of just 3?
3. What are the percentage of BAU work (daily codebase maintenance, weekly stress) vs Project works.
4. What is the career progression?
5. How do u think I performed in the test interview and this interview?