We are ***The Going Concern!*** Because our alpha is consistent!

REGIME-AWARE RANK-BASED GB MODEL

"The first rule of investing is never lose money"- Warren Buffett

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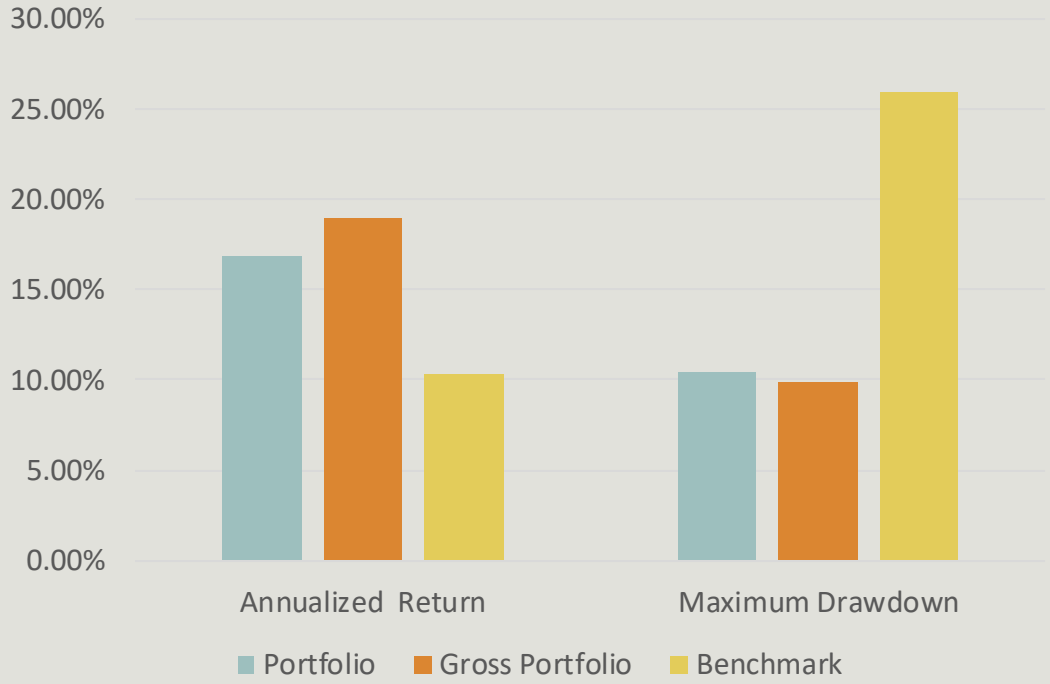
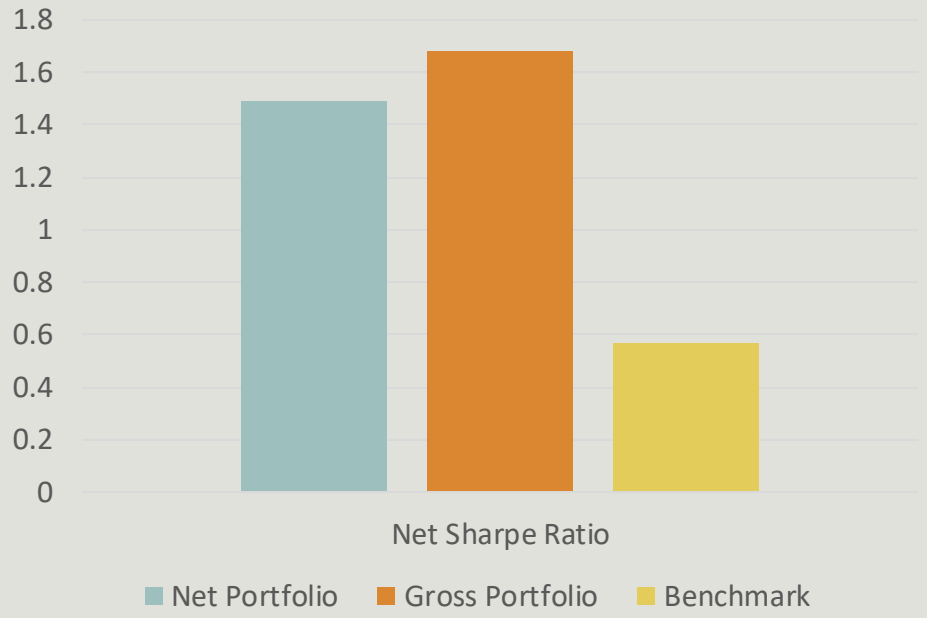
Investment philosophy

We believe that by combining ML models and LLMs, we can beat index buy-and-hold strategies, all while keeping a highly interpretable model and preserving capital by minimizing drawdowns.

Executive Summary

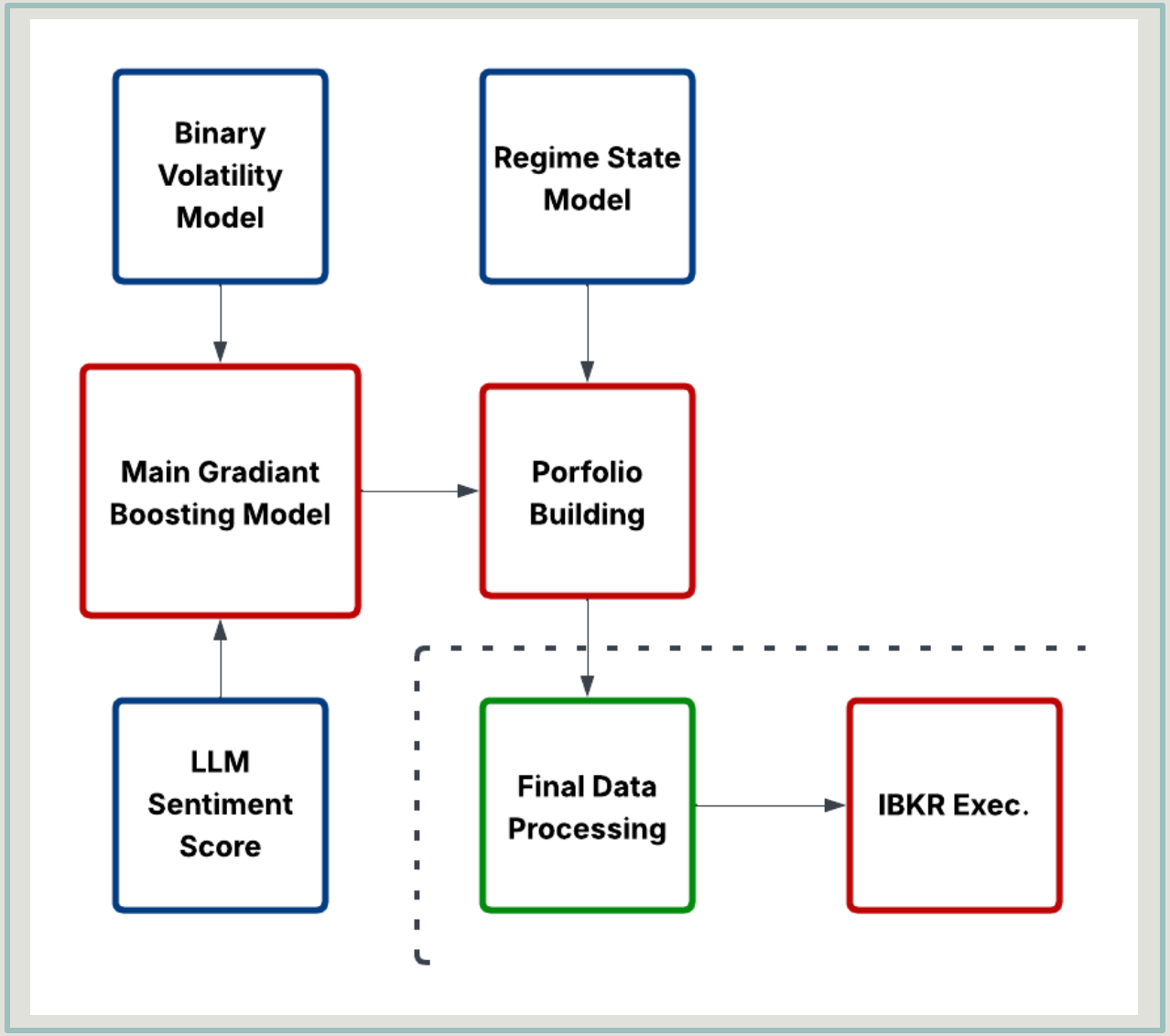
We leverage LLMs and ML models to detect market regime shifts and dynamically adjust both beta and sector exposures.





Annualized Net Return	**Annualized Net Alpha**	**Net Sharpe Ratio**	**Net Maximum Drawdown**
16.83%	6.54%	1.49	-10.40%

Investment Process



Data and Features

- Used 252 features combined, using all provided and the rest built on sector data, price metrics
- Cross-sectional z-scoring, winsorized outliers and removed penny stocks
- Model customized for rank-based evaluation and objectives

Alternative data used:

Bloomberg for economic data (LEI YOY, US 10Y – FED, US10-US1 Slope, Put/Call ratio, etc.)

WRDS: Sector data

Investment Process (Strategy)

We're looking for the *needle in the haystack*.

Investment Strategy

- In-validation quasi-Monte Carlo simulation paired with the volatility model resulting in features selection that are relevant to the current market regime, with the ability to identify them later hand.
- → Hyperparameters
- Score-based portfolio building process
- → Adjusted scores and based on sector

Investment Strategy

The ML model needs to…

- Run quickly to test as much hyperparameters as possible to identify which features yield the best results for a given state.
- Be simple enough to interpret and finetune.
- Treat NaN values automatically
- Handle non-linearity between variables
- Handle categorical features

Risk Management

Our key to alpha generation.

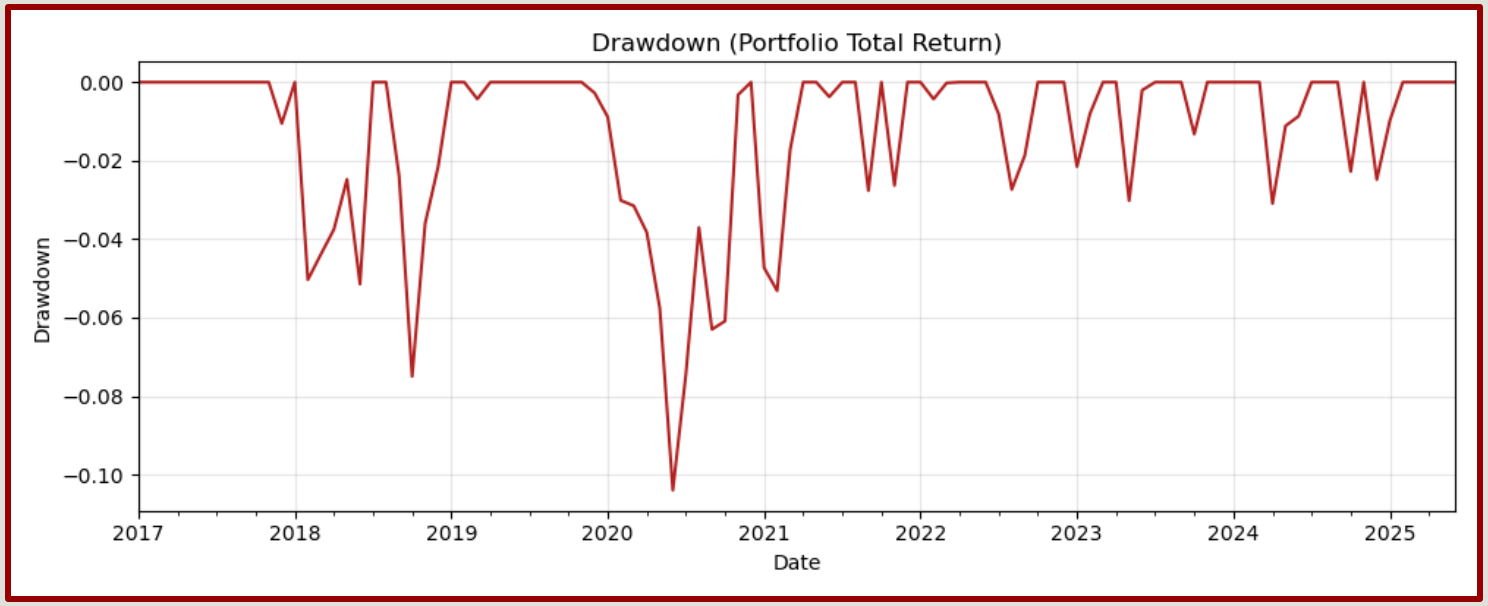
Economic Regime Models

Regime state model:

- Serves as a canary indicator.
- Sector rotation
- Leverage adjustment

Binary volatility model:

- Feature selection in validation window



Benchmark Sortino Ratio : **1.45**

Portfolio Sortino Ratio : **3.78**

Maximum monthly loss: **5.23%**

Net Up Market Capture Ratio :

58.66%

Net Down Market Capture Ratio :

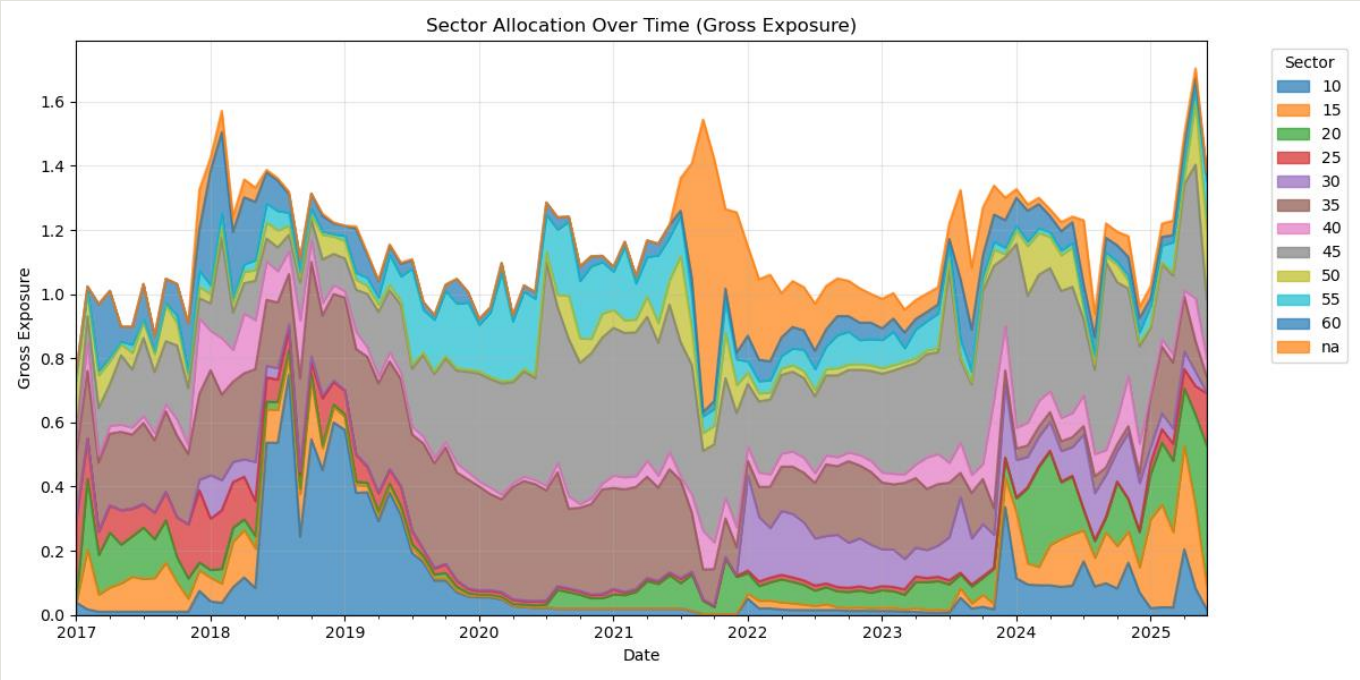
7.60%

Results

Rolling 3 Year % vs Benchmark: 71.21%
Portfolio Turnover: 28%
Net tracking error (annual): 14%

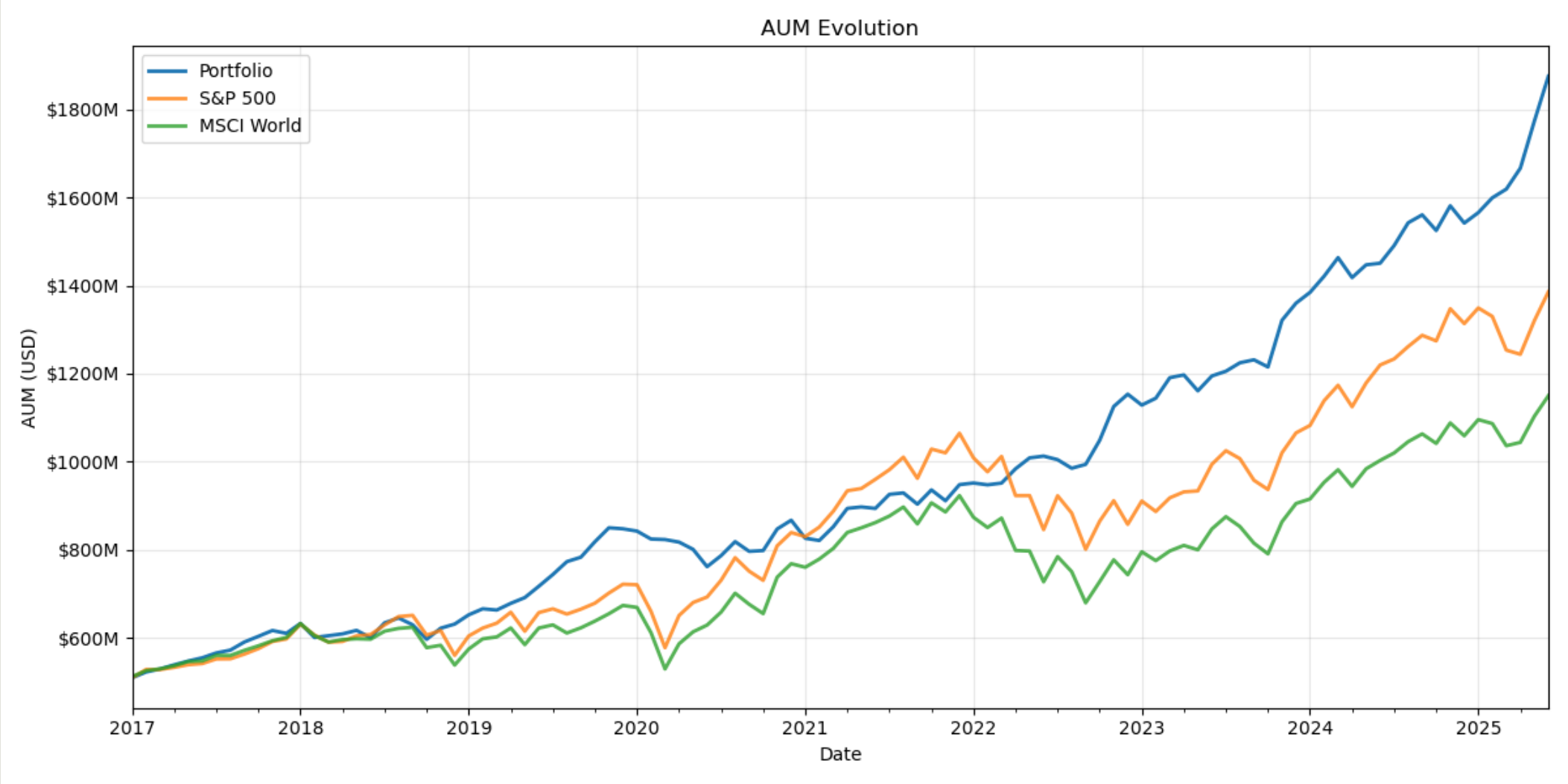
Initial AUM: 500,000,000$
Final AUM: 1,875,462,115$
Total P&L: 1,375,462,115$
Total Return: 275.09%

Average Monthly P&L: 13,484,923$
Max Monthly P&L: 106,989,029$
Min Monthly P&L: -45,256,905$



10% max weight single stock
75% max in one country
Invested in Canada, Germany, USA

Results


AUM Evolution
Portfolio
S&P 500
MSCI World
$1800M
$1600M
$1400M
$1200M
$1000M
$800M
$600M
AUM (USD)
2017
2018
2019
2020
2021
2022
2023
2024
2025
Date

We win… by not losing!

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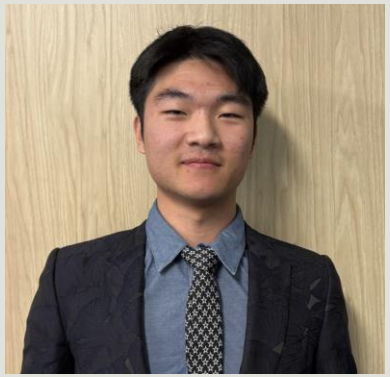

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