

A series of thin, black, overlapping lines forming various geometric shapes like triangles and polygons, creating a complex, abstract pattern in the upper left quadrant of the slide.

CWRU Quants
quants@case.edu

Welcome!
Please, have a seat.

AGENDA

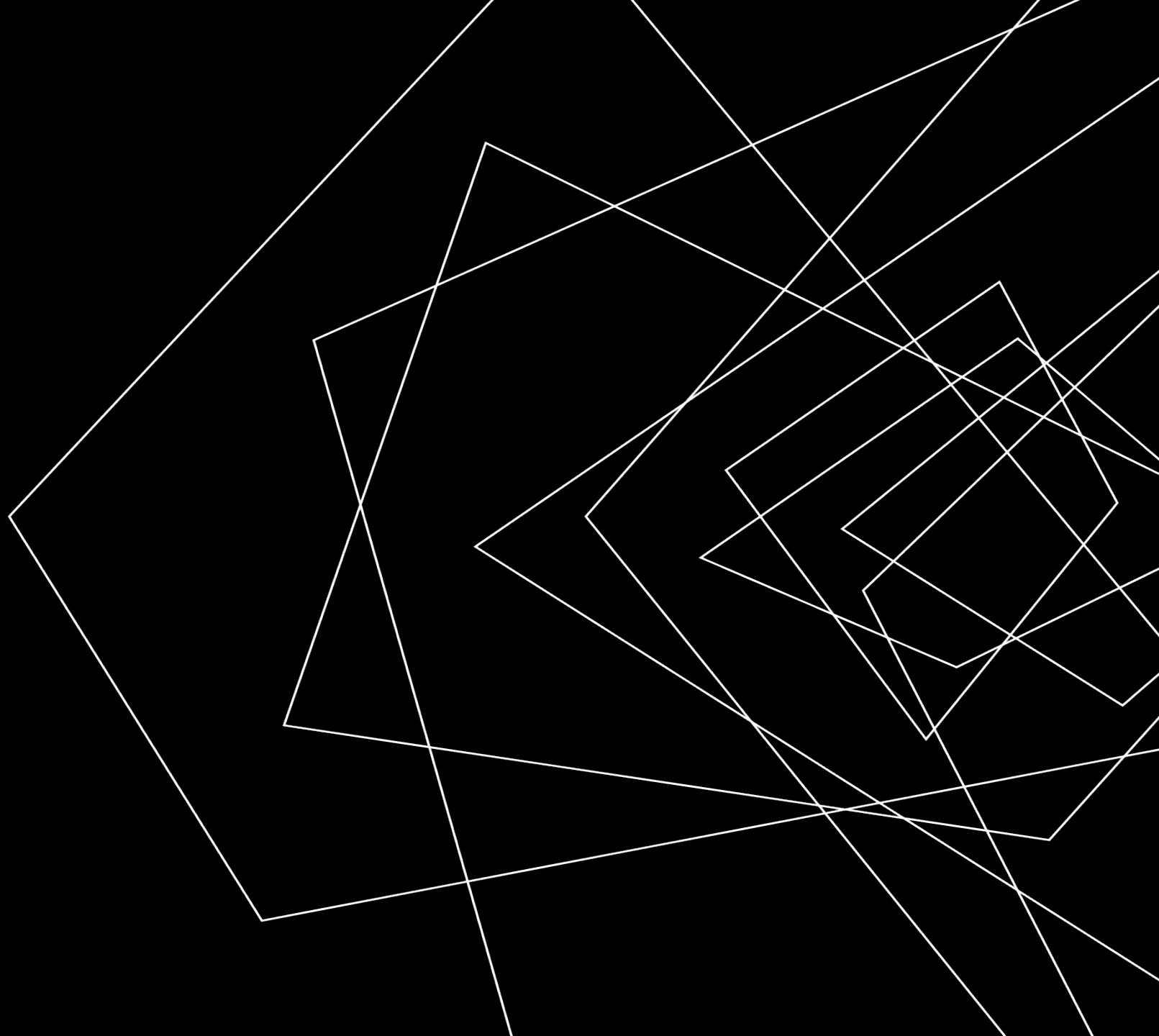
Meet the Team

Overview of Quant Finance

Club Structure and Projects

Preparation and Outcomes

Questions and Answers



Attendance





GET TO
KNOW US!



MEET THE TEAM

Executive Team



Christo Ekimov

- President
- Quant Econ and Finance Junior
- Statistical Modeling @ CAT
- Research @ Northwestern Kellogg School of Management



Ethan Fang

- Vice President
- Computer Science Junior / MS
- Incoming Quant @ Keybank
- ML Research @ Pruning Lab
- Engineering @ MISCO



Ray Ikome

- Head
- CS and Math Sophomore
- SWE @ Google
- SWE @ Weatherhead
- SWE @ Integrated Community Services



Tom Lin

- Head
- Econ and Math Sophomore
- IB @ Roosevelt & Cross
- SWE @ Trillium Trading
- Research @ CWRU JoE



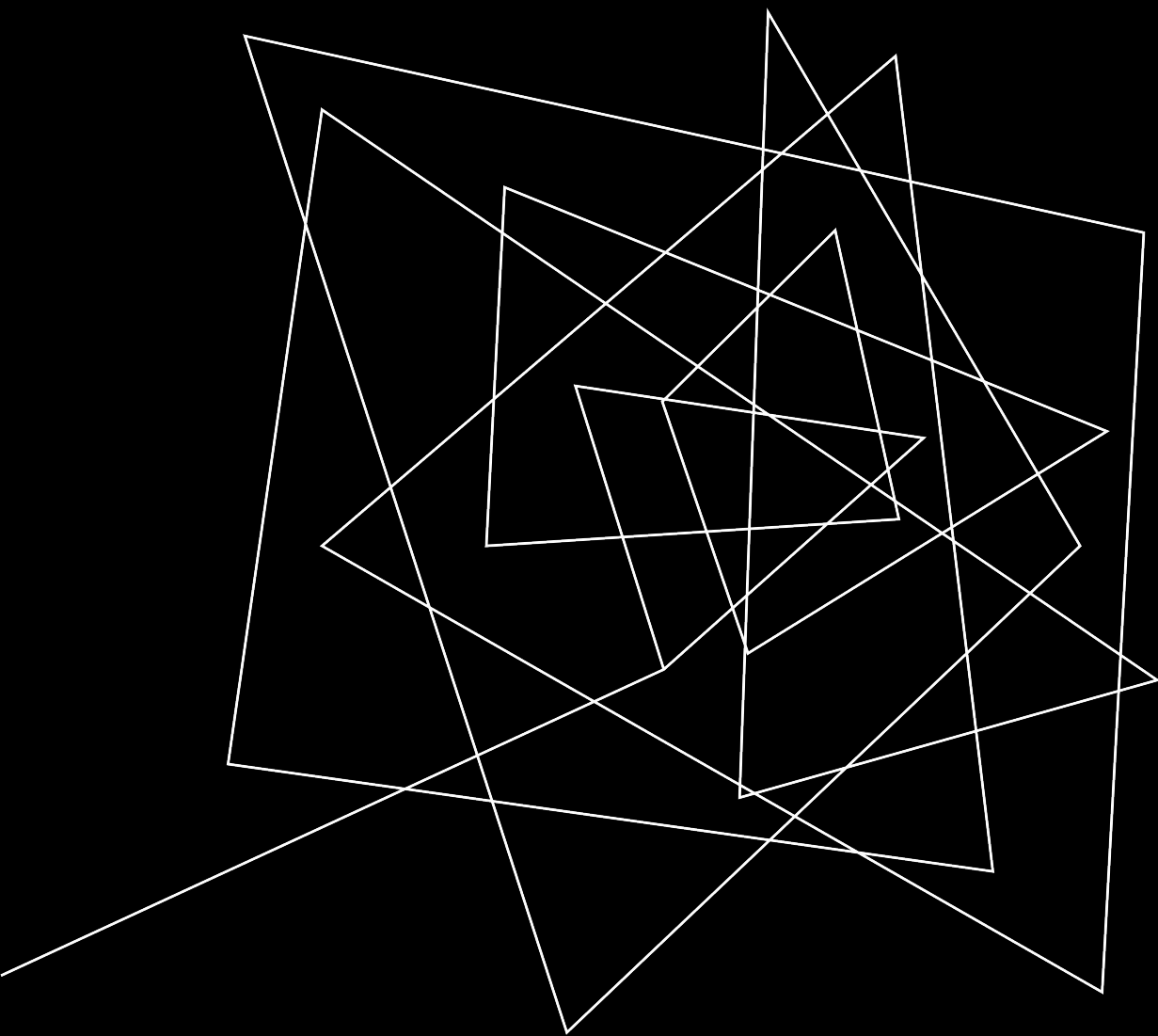
Sidharth Jindal

- Head
- Math BS/MS + Econ Sophomore
- Research @ CWRU JoE
- TA @ Weatherhead
- Exec @ WES



Joon Woo Bae

- Advisor
- Assistant Professor of Finance



OVERVIEW OF QUANT FINANCE



What is Quant Finance?

Math/Stats

QF is concerned with the application of mathematical methods, data analysis, and computation to trading and investing in financial markets

Computing

Places a heavy emphasis on tech, from nanosecond optimized trading infrastructure to petabyte-scale big data pipelines

Divisions

Sales and Trading, Financial Strategies & Research, Portfolio Management, Risk Management, Data Science roles

Roles within Quant Finance

Quant Research (QR)

Work on designing new pricing models and strategies

Most mathematically rigorous work

Comp: 250k+

Quant Trading (QT)

Execute new trades using programs and monitoring existing trades

Mental math and market making skills

Comp: 200k+

Quant Dev (QD)

Developing, implementing, and maintaining programs used for new strategies

HPC and system-level programming knowledge

Comp: 200k+



CLUB STRUCTURE AND PROJECTS

Club Structure and Projects

GB Structure

- Education-focused to develop the skills/knowledge one needs to make an impact in groups
- Project reviews, industry guest speakers, case studies, interview prep

Projects

- Projects will explore an area of the markets and an area of quant finance
- Examples of markets include equities, derivatives, and even sports/election betting
- Projects will focus on development/research/trading

This is the club's first year—things may change!

Events

Social

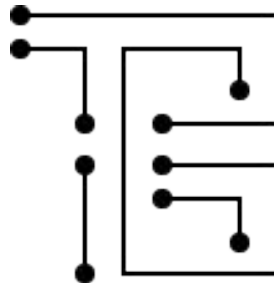
- Food
- Networking
- Poker Nights
- Merch

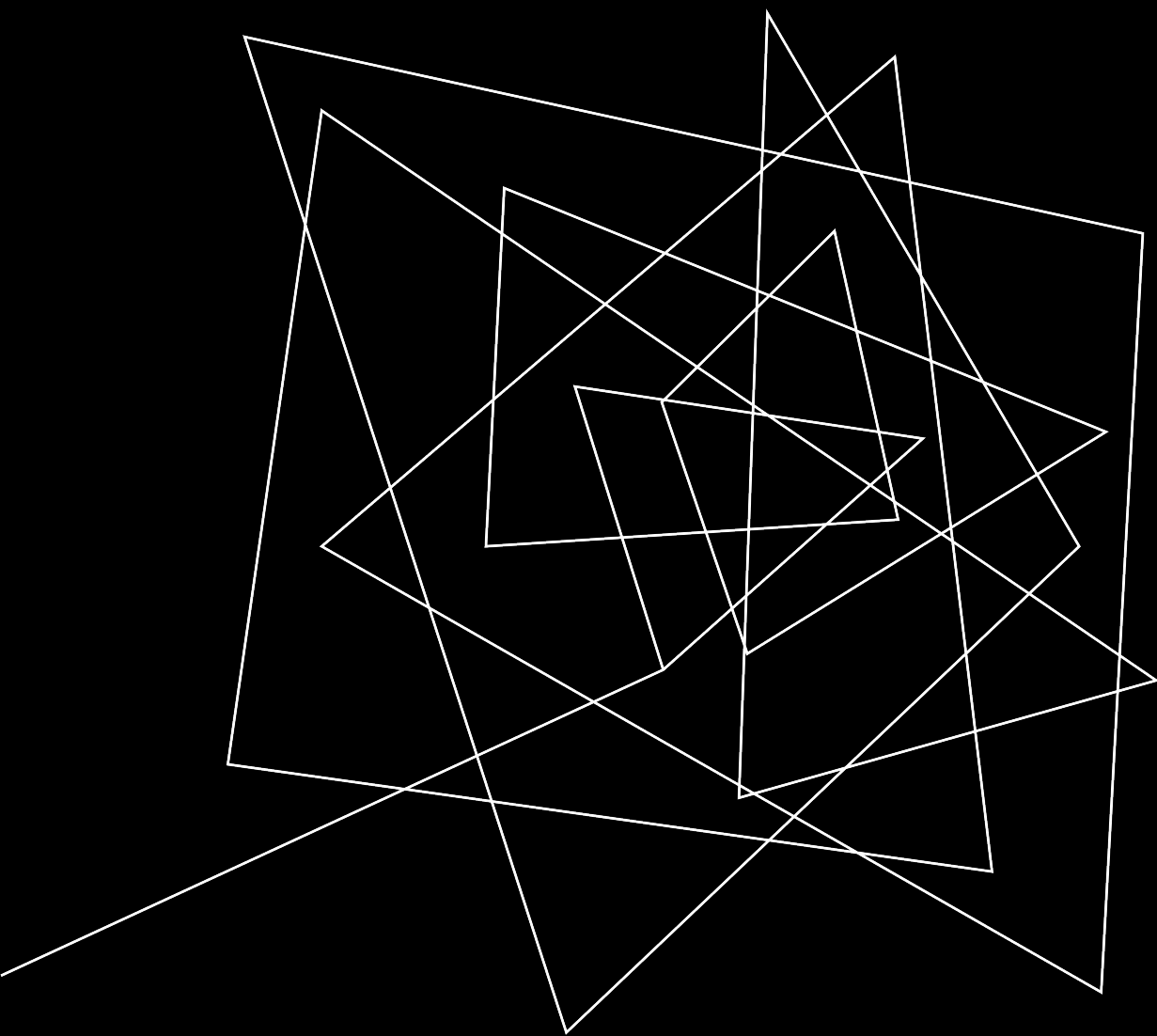
Career

- Workshops
- Project Groups
- Guest Speakers

Travel

- Trading competitions
- Conferences





PREPARATION AND OUTCOMES



Resources

Introduction

[Quantopian Lectures](#)

- lectures and learning

[OpenQuant](#)

- resources, newsletter, jobs, mental math

[ZetaMac](#)

- mental math

Advanced

[Research Papers \(arxiv\)](#)

- recent research papers

[Quant Finance Hub](#)

- research, news, strategies



Poker Night

Our first event will be a poker night!

Details will be sent out by email when the time approaches, so stay tuned! It will be a great opportunity for networking and getting to know each other.

Tell us about you!





QUESTIONS AND ANSWERS

Contact us!

Email: quants@case.edu

Instagram: [@cwruquants](https://www.instagram.com/cwruquants)

Attendance

