

CHEN JIULONG

Moscow, Russia

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EDUCATION

Lomonosov Moscow State University

Master of Mathematics and Applied Mathematics.

September 2023 - July 2025

Temporary GPA: 3.99/4.0

Lomonosov Moscow State University

Bachelor of Mathematics and Informatics.

September 2019 - July 2023

Overall GPA: 3.94/4.0

CAREER OBJECTIVE

To work for an organization which provides me the opportunity to improve my skills and knowledge to grow along with the organization objective.

PROJECTS

Distributed Cache System

Design a simple distributed caching system with a master, a client, and multiple cache servers. The system should support distributed data storage, distributed access, cache server scaling, and have some fault tolerance capabilities.



Financial Quantitative and Artificial Intelligence

This project encompasses the construction of machine learning frameworks, specialized exploration of pair trading methods including Copula and Cointegration, accomplishment of fundamental factor writing, and the design and implementation of factor models. Additionally, the project involves the critical phases of conducting backtesting and optimization to enhance the understanding and application of quantitative techniques in the field of finance.



TECHNICAL STRENGTHS

Languages	C, C++, Python, Java, C#
Technologies	HTML5, CSS, LaTeX
Tools	OverLeaf, Colab, Netbeans, MatLab, Anacoda
Databases	MySQL, PostgreSQL
Cloud Technologies	Firebase, Aliyun, Google Cloud
Version Control	Github

WORK EXPERIENCE

Dawn Opus Asset Management Co., Ltd., Beijing, China

June 2023 - August 2023

Quantitative Research Intern

- Conducted quantitative investment research, applying data-driven methodologies.
- Applied reinforcement learning techniques to enhance analytical processes and decision-making.
- Specialized in pairs trading strategies to optimize investment portfolios.

Tencent, Shenzhen, China

November 2021 - January 2022

Software Engineering Intern

- Spearheaded the design and implementation of a distributed cache system using C++.
- Collaborated with cross-functional teams to ensure seamless integration and optimal system performance.

ACADEMIC ACHIEVEMENTS

Received an honorary bachelor's degree from Moscow State University. (diploma **with Honours**)

Granted the National Scholarship from 2020 to 2021.


Honored with the "Star of SMBU" (Highest Campus Honor at MSU-BIT) and recognized as an Outstanding Graduate of MSU-BIT.


Awarded the CSC National Scholarship for International Exchange in 2022.

Achieved a First Prize in the 2021 National College Student Mathematics Competition.


Secured a Second Prize in the 2022 National College Student Mathematical Modeling Competition. 

Earned a Second Prize in the 2022 American Mathematical Contest in Modeling. 

Received the National Outstanding Paper Award in the 2021 "Shenzhen Cup" Challenge. 

Clinched a Third Prize at the provincial level in the 2021 National College Student Mathematical Modeling Competition. 

Awarded a First Prize in the 2021 American Mathematical Contest in Modeling. 

Attained a Second Prize at the provincial level in the 2020 "Shenzhen Cup" Challenge. 

EXTRA-CIRRICULAR

Served as a research assistant at the MSU-BIT Sino-Russian Mathematics Center from 2021 to 2022.

Participated in the 2022 project at Peking University involving the use of drones for surveying mangroves in the field.

RESEARCH PROFILE

MSU-BIT Outstanding Undergraduate Thesis: "Modification of the Algorithm for Constructing Sub-optimal Paths Using Random Trees Considering Constraints on Smoothness and Curvature"