

ZIAN CHEN

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PERSONAL STATEMENT

Third year student at École Polytechnique, one of the best French engineering school, specialising in applied mathematics, with a rigorous logical thinking and data sensitivity, and experience in quantitative practice of Chinese stock market. Able to learn and practice multiple aspects of knowledge efficiently. Preparing for an internship starting in April 2025.

WORK EXPERIENCE

June 2024 – August 2024
Quantitative Researcher

Internship, X-Asset Management
Pudong, Shanghai, China

- Knowledge of finance and the Chinese stock market by understanding research reports, familiar with Linux systems.
- Mined and analysed volume-price factors, mined out new factors with relatively good long-short performance.
- Equilibrium optimisation of factors acting on multiple markets, factor construction using future data to provide macro-guidance and desired goal analyses for machine learning factor mining methods.

EDUCATION

Septembre 2022 – Present
Cycle ingénieur polytechnicien, passed concours international

École Polytechnique
Palaiseau, France

- Additional courses in economics, computer science and physics, with current GPA 3.92/4.00.

Septembre 2019 – June 2023
Bachelor of Natural Science

University of Science and Technology of China
Hefei, Anhui, China

- Major in mathematics and applied mathematics, studied in the China-France Mathematics Talent Class.
- Been in the Special Class for Gifted Young, with major GPA 3.91/4.30.

Septembre 2017 – June 2020
High School Diploma

Zhejiang Wenzhou High School
Wenzhou, Zhejiang, China

- In the Class of Mathematical and Physical Olympiad.

SCIENTIFIC RESEARCH

2021 Summer – 2022 Spring

Four-dimensional self-duality, Research Project, USTC

- Organised and prepared academic seminars, able to autonomously analyse unknown content and provide team planning.

2021 Fall

Electrodynamics, Teaching Assistant, USTC

- Prepared a number of exercise classes and provided students with a variety of topics for extended discussion, especially varied topics in mathematics and physics, which were well received by the students.

HONOURS & AWARDS

Yau Shing-Tung College Student Mathematics Competition – **2022 Team Excellence Award**

2021-2022 Outstanding Student Scholarship(USTC) – **Bronze Award**

Jiuzhang Cup Mathematics Competition(USTC) – **2022 Second Prize & 2021 Third Prize**

Chinese Mathematics Competition(Math A) – **2021 & 2020 Second Prize**

2019 Freshman Scholarship(USTC) – **Gold Award**

Chinese Physics Olympiad – **2017 & 2018 Second Prize**

SKILLS & SOCIAL WORKS

Programming Languages
Languages

Free Pascal, C/C++, \LaTeX , Java, Python(skilled in numpy)

Chinese(native), English(intermediate), French(TCF C1, valid by the Polytechnique)

Member of the publicity department of the School of Gifted Young, editor of its magazine *A Dream of Youth*.