

Shuheng Yan

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EDUCATION

UNIVERSITY OF ILLINOIS

Urbana-Champaign, IL

Candidate for Master of Science in Financial Engineering, December 2017

TONGJI UNIVERSITY

Shanghai, China

Bachelor of Science, Applied Physics, July 2016

GPA: 4.55/5.0

Honors and Awards: The Second Prize Scholarship 2013-2015; Outstanding Graduates Awards 2016; Meister Scholarship 2014

EXPERIENCE

INSTITUE OF DONGGUAN-TONGJI UNIVERSITY

Dongguan, China

Intern, Econophysics Department

February 2016-May 2016

- Assisted econo-physics teams to do research in agent-based orderbook modeling & establish a basic framework of orderbook model, collect real high frequency transaction data to establish a database
- Worked with financial engineers to study in writing strategy for high frequency trade

STUDY ON REFLECTION CHARACTERISTICS OF SUB WAVELENGTH MICRO STRUCTURE

Shanghai, China

Researcher, supervised by professor Du Ai

July 2015-August 2015

- Studied in what concentration sub wavelength micro structure reach critical point of transmission after being mixed with potassium bromide
- Conducted infrared test on reflection characteristics of seven micro-structural carbon materials
- Obtained reflection transmittance curve of materials in different ratios

INDUSTRIAL SECURITIES, NANPING

Fujian, China

Intern, Business Department

January 2015-February 2015

- Assisted clients in opening accounts for trading securities and observing stock market charts
- Recommended financial products including stock or funds to clients according to their assets conditions and risk preference
- Learned ways for managing financial products and helping clients make timely decisions

SKILLS

Language: Native speaker of Chinese, fluent in English

Technical: C, MATLAB, Mathematica, Photoshop

ACTIVITIES

Team leader, MATHEMATICAL MODELING COMPETITION, TONGJI UNIVERSITY, Shanghai, China

May 2015

- Established mathematical model to resolve traffic lights control by using MATLAB in collaboration with other two teammates
- Proved feasibility of model after calculating traffic flow figures and obtaining reasonable results; analyzed areas to be improved; Wrote paper on traffic lights control based on queuing theory

Vice president, ASSOCIATION OF SCHOOL OF PHYSICS SCIENCE AND ENGINEERING, Shanghai, China

December 2013-June 2015

- Organized 'Day for Association' activities including summing-up meeting and evening party
- Brought forth new ideas of changing 'Day for Association' into a two-day Home Party with more programs
- In charge of management of students activities in physics department

Organizer, SOUTH OF CLOUD ASSOCIATION, Shanghai, China

September 2013-June 2014

- Designed posters and leaflets about public forum; distributed leaflets and kept order on the spot
- Taught class of 25 students for half a month at Donglianhua Village of Weishan, Dali, Yunan; investigated local education conditions