

Yao DOU

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EDUCATION

Nanyang Technological University (NTU) Aug 2016 – Present
Bachelor of Science in Mathematics & Economics

- Expected graduating in June 2020, on track for First Class Honours (CGPA: 4.84 / 5.0)
- AY2016/17 Dean's List (top 5% of the school) ; Awarded NTU Science & Engineering Scholarship

PROJECT EXPERIENCE

Analysis of Facebook Structure (MATLAB) Aug 2017 – Nov 2017

- Studied Price's network theory and implemented an algorithm for facebook's network structure using MATLAB
- Built a Susceptible Infected Recovered Model (SIR), simulating the spread of information in 4 networks

WORK EXPERIENCES

Silot **Singapore**
Financing Assistant, Series A May 2018 – Aug 2018

- Built a financial model forecasting future cash flows of the firm, which was included in due diligence materials and was presented to over 10 investment institutions
- Conducted industry research on Fintech and detailed company research on Silot's competitors; produced the industry landscape and market trend part of the pitchbook
- Created 2 teasers about Silot's business plan, which was sent to over 300 investors and received 27 responses

Ether Capital **Beijing, China**
Junior Analyst, Business Development Group (BD) May 2017 – July 2017

- Created a new model for analyzing daily data of investors' demands to support group leader in writing daily reports of BD group, reducing the time BD group spent on reports by half
- Led a team of 5 members to maintain relationships between Ethercap and over 1000 investors; connected entrepreneurs with investors, doubling the number of deals that managers in EtherCap are handling
- Streamlined the Standard Operating Procedure for BD Group with the group leader, tripling the speed of dealing with investors' demands in contacting entrepreneurs for investment opportunities

Phoenixtree Capital **Shanghai, China**
Part-time Assistant (Part-time) Jun 2018 – Present

- Generated over 10 industry research and company research reports; Assisted in drafting pitchbooks for 2 firms

Nanyang Technological University **Singapore**
Teaching Assistant (Part-time) Aug 2018 – Present

- Tutored two classes of over 40 students; presented solutions of weekly problem sets about linear algebra

CO-CURRICULUM ACTIVITIES

Singapore Tertiary Chinese Literature Award Aug 2016 – Aug 2017
Vice Chairperson / NTU (Collaborated-event with National University of Singapore (NUS))

- Assisted the chairperson of NTU to lead a team of 20 members and organized the Singapore Tertiary Chinese Literature Awards with 1 sponsor, 14 judges and 60 participants from 13 institutions in Singapore
- Co-organized the formal ceremony with committee of NUS, held pre-ceremony booths and competitions inside NTU with 2 event managers, attracting over 200 attendances for the booth games
- Contacted with 34 award-winners and 14 judges; discussed with judges for the first prize and communicated with award-winners regarding their rewards, confirmed their attendance of the ceremony

Risk Management Society, Nanyang Business School (NBS), NTU Aug 2017 – May 2018
Event Director – Corporate Relations

- Led a team of 4 members and held 3 seminars regarding risk consulting, seniors sharing about the risk industry and GIA career talk, with over 50 students for each seminar

SKILLS

- Language: English (Proficient), Mandarin (Native)
- Technical Skills: MS Word / Excel / PowerPoint, on track for CFA level I
- Programming Skills: C++, Matlab, R