

KAH HONG TAI

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EDUCATION

St. John's College, Oxford University

MEng Engineering Science – First Class (Expected) Information Engineering and Biomedical Modelling

Oxford, UK

2014 – 2018

- Engineering, Entrepreneurship and Management Pathway and Oxford Finance Lab Jackson Program at Saïd Business School
- Casberd Scholarship for First Class Performance in First Public Examinations
- College Book Prize for all termly collections in 1st and 2nd year

Oxford-Man Institute of Quantitative Finance

Statistics and Machine Learning Research (Upcoming 4th Year Project)

Oxford, UK

2017 – 2018

- Applying Bayesian Quadrature techniques under the probabilistic numerics field to multi-dimensional problems with large data sets

Anglo-Chinese Junior College

Singapore-Cambridge GCE 'A' Levels

Singapore

2010 – 2011

- Scholastic Merit Award for 7 Distinctions in GCE 'A' Levels and consistently top 10% in cohort
- One of 11 top science students selected for the University of Nebraska-Lincoln Visiting Scholars Program

PROFESSIONAL EXPERIENCE

GIC – Singapore sovereign wealth fund (AUM >> USD\$100billion)

Summer Investment Analyst, European Real Estate Private Equity – Tactical Opportunities

London, UK

Jun 2017 – Aug 2017

- Worked with the investment team in all areas of 3 live deals, including underwriting, due diligence and hurdle rate determination
- Created Monte Carlo simulation model to predict regional population flows and geospatial yield shifts in European cities
- Implemented self-initiated route optimization analysis to assess the relative value of decentralized urban logistics real estate assets
- Produced an in-depth research paper on the impact of e-commerce on retail and logistics assets for higher management review

Entrepreneur First – London-based pre-seed investment firm (portfolio value > USD\$500million)

Summer Analyst, Expansion Team

Singapore / London, UK

Jul 2016 – Oct 2016

- Developed the company's first Singapore startup incubator program for >50 top PhD/MSc students in deep technologies
- Member of founding team that established a S\$16million venture capital fund for seed investment in Singapore
- Formed community of 17 university student leaders to liaise with to expand our reach for top graduating technical talent by 800 students
- Participated in weekly committee meetings with head office, investment partners and founders to expand operations in Singapore

International Enterprise Singapore

Summer Intern, Environment and Infrastructure Solutions Group

Singapore

Jul 2015 – Sep 2015

- Analysed financial reports of >20 energy technology companies and conducted market sizing for the renewable energy industry
- Established a portfolio of 10 local renewable energy companies for expansion into 5 identified Southeast-Asian / Middle-Eastern markets
- Liaised with business executives to draft 5 long-term partnership proposals with overseas companies in energy and IT infrastructure

LEADERSHIP AND EXTRACURRICULARS

Oxford University Pistol Club – President, Blues' Captain

Mar 2016 – Apr 2017

- Led the Oxford blues' shooting club to beat Cambridge in both small-bore and full-bore varsity for the first time in 7 years
- Selected team which achieved the highest full-bore varsity team score in Oxford history (score improvement is 560% that of Cambridge)
- Successfully applied and pitched to the Oxford University Men's Blues Committee to upgrade club status to Discretionary Full Blue
- Organised university-wide Pistol Cuppers League which attained a participating count of over 70 from all colleges and courses

The Student Consultancy Programme – Management Consultant

Oct 2015 – Jan 2016

- Engaged in a 3-month consulting project with local social enterprises to improve food distribution for a total of >20000 residents
- Created visual mapping representation of >200 food outlets in East Oxfordshire, which is still in use by the city council
- Presented research findings to the Oxfordshire City Council, which led to a major redistribution of efforts to combat food poverty

Enactus Oxford – Head of Commercial Projects

Oct 2014 – Apr 2016

- Represented Oxford as Team Presenter in Enactus UK Cup Regionals and Nationals in London (social enterprise pitching competition)
- Organised and ran the Future Leaders Training Program to introduce Enactus and train >30 students to take over commercial projects
- Managed an online marketplace for second-hand goods and established logistics processes for an inventory of >60 items

SKILLS AND INTERESTS

Military Experience

Republic of Singapore Air Force (Dec 2011 – Dec 2013)

Languages

English, Mandarin and Teochew

Computing

Python, C, C++, Cadence, Matlab, Tableau, Microsoft Office

Academic Interests

Financial Modelling, Machine Learning, Statistics, Operations Research, Geography, Marine Biology

Other Interests

Snorkeling, Parasailing, Squash, Running along the coast, Backpacking, Social Enterprise, Raising marine fishes, Japanese cuisine, Mint ice cream, Eggs benedict, Anything with smoked salmon