**Jordan Louis Lai**

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**Education**

**BSc Mathematics – Durham University, *Durham***  **Oct 2017 – Jun 2020**

* 2nd Class Degree, including a project on Forecast Interpretation and Evaluation

**A-Levels – Eltham College, *London* Sept 2015 – Jun 2017**

* Mathematics A\*, Further Mathematics A\*, Physics A, Chemistry B

**GCSEs – Hayes School, *London*  Sept 2010 – Jun 2015**

* 9A\*s – A including Mathematics and English

**Technical and Work Experience**

**Project – Financial stock evaluation prediction model Jul 2017 – Present**

* Self-taught Python and R Studios over a 3-year period; assimilating modules to assist modelling of statistical data, used in Monte Carlo Simulation and Statistical Concepts at university.
* Collaborating with an Economist to create a Financial Forecasting Model, analysing stock prices in each industry by extracting company data from Bloomberg to predict underlying trends, uniting complex data to present a predicted future stock price.
* Due to insufficient available company data online, undertaking Bloomberg Market Concepts Programme in university to create a more robust model by gaining access to larger data sets.

**Strategy, Underwriting and Actuarial Intern – Direct Line Group, *London*** **Aug 2016**

* Solely responsible in coordinating and presenting a report enhancing operational strategy on insurance packages for young drivers, to provide them with a comprehensive and affordable premium, whilst minimising effect of lower premiums on the Direct Line Group.
* Analysed data and researched the main problems young drivers face to create an insurance policy that incentives and increases policy uptakes. Collaborating with actuaries to accurately predict the factors that impact a policy buyers’ decision in their choice as well as, paying attention to the geographical and occupational impact on premium prices.

**Actuarial Services Intern – Willis Towers Watson, *London* Jul 2016**

* Proactively enhanced knowledge on Direct Benefit and Contribution pension schemes, presenting reasons why their models influence the advice consultants provide to their clients by analysing factors such as age, risk appetite and disposable income, which were fundamental in improving the understanding of the clients.
* Worked in a team to create an investment portfolio that balances the client’s needs, (preference in STGs/risk profile), with returns, through understanding the different investing strategies and securities.

**Business Intelligence Intern – J Sainsbury PLC,*****London* Jun 2016**

* Provided timely and accurate marketing reports that strategize methods to improve sales by analysing the types of products sold in each geographical location to interpret any underlying connections, to influence how to market each store to maximise profits in each store and minimise waste that occurs.

**GSF IT Support Intern – ING Bank, *London*  July 2014**

* Shadowed engineers responsible for maintenance of ING’s internal software.
* Regularly provided written and verbal solutions to support any technical issues that arise in the company, communicating with a plethora of workers within ING from a range of different fields.

**Positions of Responsibility**

**University College Badminton Club – Durham University Oct 2017 – Present**

President – Current, Men’s Captain – 1-year, Mixed Captain – 2-years

* Deliver weekly training sessions and plans to improve the squad, integrating team bonding activities and socials throughout the year, to encourage strong relationships and aid communication on the court.
* Provided knowledge of badminton through personally training outside of squad training time, to regularly and confidently preforming the shots, decision making, and positions required.
* As the only member on the executives that was on the team in previous years, influencing and guiding the newer executives has been fundamental in furthering the performance and running of the club.

**Youth Councillor, *Bromley* Jan 2014 – Jan 2017** Bromley Youth Councillor – 3 years, British Youth Councillor – 1 year

* Represented 2560 students in local politics, decision making and governance by being a platform to raise views and voice concerns; fostering meaningful relationships with troubled teenagers to provide the support and help they require (presented to the local crime authority and Mayor of Bromley the issues young people face with Domestic Abuse in Bromley).
* As a senior member, leading and providing a guideway for the newer members joining the council to be smoothly integrated into the team and caught up to speed to reduce disruption.
* For the various projects the Bromley Youth Council ran, personally analysing the data after researching the projects (Domestic Abuse, Transport, Young people in the Media). Presented the complex findings of the statistical measures and trends to the team to further interpret the results as a group, to gain each individual perspective.
* Stood as the British Youth Council representative for Bromley to engage with youth councillors around the country, finding alternative solutions, hear other perspectives and create mutual relationships.

**Interests**

* **Programming** – Statistical modelling and data analysis has always been my main interest throughout my academic career. I have undertaken tutorials and started to learn to program in SQL, SAS and Power BI to get a head-start in understanding these fundamental tools for BI and Data Analysis.
* **Sports** – Sports has always been at priority in school and university as a form of relaxation. I am currently playing Rugby and Badminton for the college team, as well as, football and powerlifting.