

CIAN YONG LEOW

Curriculum vitae

✉ cianyleow@gmail.com

📞 +44 (0) 7543 731 322

in [cianyleow](https://www.linkedin.com/in/cianyleow)

Employment

08/2018 **Financial Markets Advisory Analyst**

08/2016 [BlackRock](#) | [London, UK](#)

Financial Markets Advisory (FMA) is the consultancy arm of BlackRock Solutions (BRS). They support clients across a wide range of risk, analytical, capital markets, and strategic advisory services. The Markets & Analytics Group within FMA is responsible for all analytical work provided to clients – including models, data analytics and market knowledge.

My responsibilities in FMA as part of the Markets & Analytics Group (MAG) were focused on building out and maintaining analytical capabilities for clients based on agreed specifications. This included development of bespoke financial models (cash-flow projection model for a bank's credit risk department), analysis of large data sets (loan level data used for valuation and sale preparation) and valuation of assets (cash flow projections and data management). All work was performed in Excel/VBA and, for more data-intensive work, R scripting. In addition to my development work, I was required to travel regularly to deliver technical training and present results to clients.

Education

06/2016 **MEng Electrical & Information Engineering, First Class Honours**

09/2012 [Imperial College London](#) | [United Kingdom](#)

Modules: High Performance Computing, Machine Learning, Human Centred Robotics, Networks & Web Security, Software Engineering for Industry, Distributed Computing

Result: First Class Honours

06/2012 **High School Diploma**

08/2004 [Singapore American School](#) | [Singapore](#)

Result: 4.10 GPA with 8 Advanced Placement (AP) courses with '5' Score

Skills

Microsoft Office Suite

Significant experience with Excel and VBA with a focus on financial modelling. Additional experience with PowerPoint design and delivery in a consulting background.

Programming

Experience with Java software development in a professional environment (using Git, JIRA and Jenkins).

Scripting

Significant professional experience with R scripting to load, clean, analyse and present large data sets. Additional experience with Python scripting for image recognition and basic machine learning.

Communication

Significant experience presenting financial models and providing technical training in a client environment over multi-day workshops.



Other Employment

08/2020 **Freelance Lighting Technician**

08/2018 **London, UK**

Worked as freelance lighting technician / production assistant in London/Europe. Recent key jobs include –

- Louis Tomlinson 2020 Tour (Postponed due to COVID)
- Underworld DRIFT Tour 2019 (Antwerp, Amsterdam & London)
- Lewis Capaldi Tour (Brixton Academy)
- GIGGS – The Tour (O2 Manchester, The SSE Wembley Arena)
- The London Tutankhamun Exhibition (The Saatchi Gallery)
- Lollapalooza Berlin – The Perry Stage (Berlin Olympic Stadium)
- Groove Armada Summer Tour 2019 (Playground, Wilderness & Boomtown)

06/2016 **Floor Manager**

04/2014 **Imperial College Union Bars | London, UK**

While at university, worked part time for two years as floor manager of the 1,000-capacity Imperial College Union venues, with bar supervisor duties (ensuring smooth operation of bar service) on non-club nights. Responsible for customer safety and welfare on the two weekly club nights and any organized events. Duties included coordinating security staff, dealing with customer issues and general oversight of 20 – 30 staff on club nights.



Work Experience & Projects

04/2020 **Image Recognition for Data Collection**

03/2020 **Rainforest Rescue Project (Unofficial) | UK**

Developed an image recognition and basic machine learning workflow in Python on a Jupyter Notebook to extract and identify monthly rainfall records publicized by the Rainfall Rescue project with a > 95% accuracy. As the project received an abundance of manual help from the public, I never submitted my results; however, a short write up of my technical solution is available here: <https://cianyleow.github.io/rainfall>

09/2015 **Technology Intern**

04/2015 **BlackRock | London, UK**

Joined an internal development team at BlackRock working on their asset allocation tool. Core project was to add enhanced logging to the application to enable faster debugging and improve clarity and understanding of algorithm decisions. Won the Innovation Challenge with a web-based error tracking platform.

10/2014 **Research & Technology Intern**

07/2014 **Hong Kong and Shanghai Hotels, Ltd. | Hong Kong**

Designed and configured in-room personal content delivery system for TVs using a RaspberryPi and a self-customized version of XBMC; programmed microprocessor for in-house design lighting dimmers to allow network programmable lighting profiles; investigated and then customized Android kernel to hotel specifications.



Certifications

11/2020 **AWS Certified Solutions Architect – Associate (SAA) | Amazon Web Services**

Certificate Number: [D1VNJW4DBBREQ395](#)

10/2020 **AWS Certified Cloud Practitioner (CLF) | Amazon Web Services**

Validation Number: [39JMS5SB1NE4QD3D](#)



Interests and Activities

- ▶ Playing saxophone Grade 8 ABRSM qualification
- ▶ SCUBA diving Advanced Open Water PADI certification