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| **Gamika Seneviratne, CFA** | | |
| *446/19, Thimbirigasyaya Rd, Colombo 5, Sri Lanka* ***|*** *+94(0)778-867-684* [*gamika.seneviratne10@alumni.imperial.ac.uk*](mailto:gamika.seneviratne10@alumni.imperial.ac.uk)*,* [*gamika.linkedin*](https://lk.linkedin.com/in/gamika-seneviratne-cfa-80337078) | | |
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| **Achievements** | | |
| **Moody’s Analytics Knowledge Services (MAKS) • Assistant Director** | | ***Aug 2014 – Present*** |
| ***Colombo, Sri Lanka*** | |  |
| * Accomplished financial analyst with 5 years of experience in the fields of equity and fixed income research. Highly experienced in application of data science in finance * Leads the Data Science initiative in MAKS Colombo. Collaborates with multiple engineering teams to extract alternative data, and design machine learning algorithms. Successfully designed multiple automation tools to speed up data extraction and research analysis * Rewarded the ‘Pride of MAKS’ award for inspirational leadership displayed throughout the career * Rewarded the ‘LEAD’ award for exceptional skill in building of high-performance teams, and also the ‘Extra Miler’ award recognizing persistent willingness to innovate and spearhead IP initiatives * Nominated for Create Confidence award, a MAKS wide initiative to recognise the key individuals that display core company attributes * Realized a client satisfaction score consistently above 90%, well within top 5% of employees * Rose to Assistant Director designation from Analyst in just 5 years – the shortest possible time | | |
| **Education and Professional Qualifications** | | |
| **CFA Charterholder** | ***Dec 2014 – Jun 2016*** | |
| * Holds Technology Co-Chair position at the CFA Society Sri Lanka. Dedicated to spreading awareness about the scope and benefits of the latest technology for financial markets | | |
| **Imperial College London • Master of Engineering, Electrical and Electronic Engineering with Management** | ***Oct 2010 – Jul 2014*** | |
| ***London, United Kingdom*** |  | |
| * Achieved a First Class Honours displaying tireless commitment to earning exceptional results * Awarded the Nicholas Battersby Prize from Imperial College London for excellence in Analogue Electronics in the Final Year Project displaying unparalleled technical competence and commitment | | |
| **Edexcel ‘A’ levels** | ***Jun 2008 – Jun 2010*** | |
| * GCE ‘A’ Levels: Mathematics A\*, Further Mathematics A\*, Physics A\* |  | |
| **Work Experience** | | |
| **Moody’s Analytics Knowledge Services (MAKS) • Assistant Director** | | |
| **Data Science Projects** | ***Jan 2018 – Present*** | |
| * Heading the Data Science initiative in Colombo, including scoping client requirements, and guiding and advising the data science engineering team on strategic deployment of alternative data sources, machine learning and statistical modelling to develop client solutions * Led multitude of data science projects to deliver bespoke solutions to clients including:   + Extracting and analysis of financial alternative data including RMS, news, and weather data   + Designing and implementing of multiple technical analysis algorithms including Wavelet Coherence and hierarchical clustering for unearthing sales patterns   + Designed NLP using industrial strength NLP libraries for news headline classification and ‘Essence Summarization’ for reports (capturing key bullet points via user specified themes)   + Created NLP driven automation template for expediting financial data entry which is used widely for accounts under supervision | | |

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| **Management and Supervisory Duties** | ***Jan 2017 – Present*** |
| * Currently supervises four equity buy side engagements and one sell side engagement which cover a variety of work from high-end finical modelling, writing investment memos, and carrying out valuation * Involved in every aspect of the delivery value chain including value additions, quality control, client relationship management, and performance appraisal of the teams * Panellist for the high-end modelling skills certification and technical interviews | |
| **Equity Research Analyst** | ***Aug 2014 – Present*** |
| * Currently supporting a US hedge fund on both equity and fixed income research. Experience includes high-end financial modelling and writing detailed and insightful research reports on various industries including Oil and Gas, Coal, and Technology * Work has encompassed full gamut of buy-side investment notes with recommendations, industry primers, and analytical evaluations on pair trades. Furthermore, have gained knowledge on creating highly automated Bloomberg driven valuations templates * Fixed income experience includes cash flow, covenant, and leverage monitoring for Collateralized Loan Obligations (CLOs) along with recovery analysis on multiple LBOs and distressed arbitrage. * Previously involved in providing equity buy-side research to a large UK based asset management firm in which primary work included writing investment notes, company primers, and earnings updates for multiple indsutries including banks and insurance | |
| **Other Self-Initiated Projects** | |
| **Research Articles and Reports** | ***Sep 2017 – Present*** |
| * Written multiple articles on the application of new technology. Most notably, directed and co-authored the ‘Exploring Blockchain Technology in Sri Lanka’ research report [here](https://www.arx.cfa/post/Exploring-blockchain-implementation-in-Sri-Lanka-6911.html) * Other self-initiated research articles evaluating key technology and industry opportunities include [‘Focus on HVM Niches to Help SL Climb Manufacturing Ladder’](http://www.ft.lk/article/613085/Focus-on-High-Value-Manufacturing-niches-to-help-Sri-Lanka-climb-the-manufacturing-ladder) and ['Sector-specific IoT solutions to drive economic value in SL'](http://www.ft.lk/columns/Simple--sector-specific-IoT-solutions-to-drive-economic-value-in-Sri-Lanka-over-the-short-term/4-639982) | |
| **University of Colombo • Visiting Lecturer** | ***Oct 2018*** |
| * Conducted multiple lectures on bonds and the bond market to postgraduates at the University of Colombo. Commended by the Head of Department for the quality, grade of content, and delivery | |
| **Skills & Interests** | |
| * Languages: English (fluent) and Sinhalese * Technical Skills: Python (highly proficient; experienced in scikit-learn libraries, Spacy, Tensorflow), R (functional). * Hobbies: Percussion drummer and acrylic painter   **References available upon request** | |