

CORE COMPETENCIES:

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| • Microsoft Office | • Tableau | • Risk Management / Mitigation |
| • Natural Language Processing | • Asset Management | • Black Scholes Modelling |
| • Financial Reporting / Modelling | • Machine Learning | • Leverage Buyout (LBO) Analysis |
| • Debt Structuring | • Data Analysis & Visualisation | • Discounted Cash Flow (DCF) Analysis |

Programming Libraries: Python: **Data Science Libraries:** Pandas, Scikit-Learn, Keras, NumPy, SciPy, TensorFlow, FastAI, PyTorch, TextBlob **Web Scraping:** Selenium, BeautifulSoup4, Scrapy, **Other:** Matplotlib, Wordcloud, NLTK, Seaborn | SQL | VBA | R (Basic) | Bloomberg Terminal. Github - <https://github.com/SamuelLawrence876>

PROFESSIONAL EXPERIENCE AND ACHIEVEMENTS**Corporate Development Assistant Relationship Manager ♦ LONDON, UNITED KINGDOM****01.2020 – 06 .2020**

- Spearheaded the development of risk management dashboard to track the performance of automated credit decisions and new strategy implementation.
- Provided data analysis and portfolio stratification across the entire credit risk portfolio in support of capital modelling and credit risk reporting.
- Consulted Lenders and Credit Executives as necessary and worked with Loan Services to ensure loans were funded in a timely and compliant manner.
- Monitored the portfolio performance of 20 different lenders representing £30M in outstanding loans
- Reviewed lenders' financial statements to ensure they remained sound business partners.
- Identified growth opportunities through the evaluation and approval of exceptions outside of standard underwriting guidelines

Junior Manager ♦ MAYBERRY INVESTMENTS, KINGSTON, JAMAICA**08.2018 – 01.2020**

Acquire exposure to asset management, risk management and compliance, research, treasury and trading and investment banking during rotations within this full service financial advisory and brokerage firm:

- Scrutinised financial statements to advise on local stock buy / sell prices using various valuation techniques while creating models to track bond / stock prices from diverse industries.
- Played a key role as part of Wigton Windfarm Initial Public Offering (IPO); gained knowledge of IPO due diligence as well as associated legal, accounting and reporting system requirements.
- Managed \$5BN Jamaican dollars (JMD) fixed income portfolio funding operations and providing safe returns to Investors.
- Collaborated with a multifaceted team to utilise python skills to mitigate bond portfolio convexity / duration risk.
- Played a key role in automating administrative functions making process up to 30% more efficient using VBA & python

External Auditor intern ♦ KPMG, MONTEGO BAY, JAMAICA**05.2017 – 08.2017**

- Managed audits and drafted 15 reconciliations for supplier accounts while creating financial reports.
- Assessed risk management projects related to security, identity management, change controls, monitoring, threat detection, vulnerability assessment and incident response based on various frameworks.
- Identified high-risk areas and developed mitigation plans alongside senior-level stakeholders.
- Worked with SAP security audit management to validate Business processes and develop audit methodology for risk key in scope controls.

Financial Analyst Intern ♦ BCW (CAPITAL HEDGE FUND), KINGSTON, JAMAICA**05.2016 – 08.2016**

- Evaluated potential capital projects to determine key metrics such as cash flows, payback period, NPV and ROI
- Performed cost accounting functions of month end closing as well as extensive account level analysis for actual/forecast variance explanations
- Initiated and developed policy and procedures to enhance work processes, promote internal controls and SOX compliance.
- Modelled anticipated deposits to determine how schedule deviation impacted forward looking financials

Data Analyst Intern ♦ MAYBERRY INVESTMENTS, KINGSTON, JAMAICA**05.2015 – 08.2015**

- Quickly and accurately synthesised substantial data; maintained attention to detail to ensure financial statement data integrity.
- Prepared and delivered strategic presentations having utilised strong research and analysis skills.
- Aided strategic decision-making having created sales reports based on market trends / conditions and sales performance.

EDUCATION AND QUALIFICATIONS**Bachelor of Arts, Finance ♦ SAN DIEGO STATE UNIVERSITY, CALIFORNIA, USA****2014 – 2018**

Built knowledge of financial markets / analysis, risk management and modelling, managerial economics and econometrics, quantitative analysis and portfolio theory while studying financial institutions management and working capital management

RECENT PERSONAL PROJECTS**Predicting Berlin Real Estate Prices ♦ GITHUB - [Link](#)**

Using the pytorch library, built a neural network to classify the cost of houses within the Berlin area. The model's prediction had an accuracy of 95% with an average error of \$5-7.

Twitter Stock Sentiment Classifier ♦ GITHUB - [Link](#)

Through the use of Natural Processing language libraries, built a model that would curate tweets about particular stocks and provide analysis on the general sentiment of buyers thoughts and positions on the stock.

Financial Analyst Salary Classifier ♦ GITHUB - [Link](#)

Used a web scraper to collect data from glassdoor's website about different financial analysis positions that were being offered. A model was then built on the collected data to predict the salary of the various positions given the different parameters provided

Other various projects can be found on my website at: samuel-lawrence.co.uk