Ilias Miraoui

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SKILLS

Python	R	SQL	VBA	Machine Learning

PROFESSIONAL EXPERIENCE

TD Securities   New York, NY
Debt Capital Markets Analyst   July 2017 – April 2019

- Advised investment grade corporate clients on accessing the global debt capital markets through presentations, frequent market updates and liability management analyses (tender offer, make whole call, breakeven calculation...)
- Participated in several public and private debt offerings by coordinating with the Client, Investors, Syndicate, Transaction Management and Sales & Trading for bond issuances up to $27 billion
- Developed various algorithms to automate processes (i.e. spotting secondary market bond prices, cross-currency pricing) so as to improve efficiencies and reduce costs, saving the firm over $10,000 per year for each of the nine analysts
- Rotated on the Credit Sales desk and organized teach-ins with representatives across the firm to promote continuing education

Sales & Trading Summer Analyst   June 2016 – August 2016

- Built macros to improve operational efficiency, streamline repetitive tasks and data analysis
- Wrote morning, weekly and call reports for market updates and internal use
- Crafted investor analyses and case studies to provide clients with a thorough picture of the transactions in the market
- Rotated on the Commodities, Credit Derivatives and Debt Capital Market desks

Columbia University in the city of New York   New York, NY
Teaching Assistant in Financial Economics   January 2017 – May 2017

- Assisted Professor Sally Moran Davidson with a class of 152 students
- Held weekly office hours and recitation sections
- Corrected homework assignments
- Answered questions from students by email and on an online forum

On Campus Food Delivery Website   Reims, France
Founder   December 2013 – June 2015

- Built an e-commerce website based on the Prestashop framework sending automatic text alerts to suppliers after each order
- Partnered with five restaurants and sold their products on the website, receiving a commission based on the sales
- Oversaw a team of five people, which included coordinating the financials of the project
- Developed a business relationship with a local pizzeria, which resulted in receiving a contract to build their online catalog

LEADERSHIP

Sciences Po Campus of Reims Sports Association, *Vice-President*   Reims, France

- Oversaw a team of 15 people and a budget of $90,000 to coordinate sports on campus   April 2014 – May 2015
- Contracted seven sport coaches and organized sports classes for 400 students
- Organized a three day long all-inclusive event for 300 students
- Developed partnerships with local businesses, Orange and Stade de Reims Football Club

EDUCATION

Master of Engineering Program   Berkeley, CA
University of California, Berkeley, *Industrial Engineering and Operations Research*   August 2019 – Expected May 2020

MicroMasters Program   New York, NY
ColumbiaX, *Business Analytics*   June 2018 – December 2018

Dual Bachelor of Arts Degree Program
Columbia University in the City of New York, *School of General Studies,*   New York, NY
Bachelor of Arts, *Financial Economics*, *Business Management*, GPA: 4.07   August 2015- May 2017
Honors: Summa Cum Laude, Phi Beta Kappa, GS Honors Society, William Strong Scholarship, Pi Sigma Alpha

Sciences Po Paris, *Euro-American Program,*   Reims, France
Bachelor of Arts, *Economics*, GPA: 3.82   August 2013- May 2015
Honors: Cum Laude

CERTIFICATIONS

FINRA Series 7,63 and 79	Bloomberg Market Certificate	Microsoft Office Specialist – Excel 2013 Expert

"Machine Learning" and "Deep Learning Specialization" by Andrew Ng on Coursera

LANGUAGES

French: Native	**English:** Fluent	**Moroccan:** Fluent	**German:** Advanced

INTERESTS

I am passionate about value investing, life hacks, political theory debates, soccer (or football) and sports more generally