

Ilias Miraoui

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PROFESSIONAL EXPERIENCE

Masters Capstone Project – Asurion / Simplr

Berkeley, CA

Project Manager and Data Scientist

August 2019 – May 2020

- Analyzed the data from Simplr's customer tickets and used natural language processing techniques to extract relevant insights from customer inquiries and improve experts' response quality and efficiency
- Implemented agile management principles to coordinate a team of 7 students

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, market updates and liability management analyses (tender offer, breakeven calculation...) to highlight potential savings to clients
- Coordinated with the Client, Investors, Syndicate, Transaction Management and Sales & Trading for several public and private debt offerings up to \$4 billion
- Developed various algorithms to automate processes (i.e. spotting secondary market bond prices, cross-currency pricing) 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, saving analysts ~2 hours per day
- 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 in managing the logistics for a class of 152 students
- Taught Financial Economics to a weekly class of ~30 undergraduate students

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
- Contracted seven sport coaches and organized sports classes for 400 students
- Organized a three day long all-inclusive event for 300 students and 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 – 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 (received certification for all courses)

SKILLS

Python	R	SQL	VBA	Machine Learning
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LANGUAGES

French: Native	Moroccan: Fluent	German: Advanced
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INTERESTS

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