Marie-Camille ACHARD

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EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY
Master of Engineering, Industrial Engineering and Operations Research
Data Analytics, Statistical Modeling, Supply Chain, Optimization and Operations Research, Probabilities, Entrepreneurial Finance
Master integrating technical coursework with classes in leadership and management

Berkeley, United States
May 2016 (expected)

ECOLE NATIONALE DES PONTS & CHAUSSEES (ENPC)
Bachelor of Science, Financial Engineering (GPA 3.9)
Statistics, Analysis, Game Theory, Corporate Finance, Econometrics, Innovation management, Mechanics
President for the organization of the annual Gala for students and alumni
Leader of the commercial segment of the student-run consulting firm
In charge of the ballet at the Arts club

Paris, France
June 2014

COLLEGE STANISLAS
Two-year course in advanced Mathematics and Physics, "Classes Préparatoires" (GPA 3.9)
Intensive preparation for the competitive entrance examinations to the French "Grandes Ecoles"

Paris, France
July 2012

PROFESSIONAL EXPERIENCE

GOOGLE – in conjunction with the FUNG INSTITUTE FOR ENGINEERING LEADERSHIP
Machine Learning and Analysis of the Patent Filing Process
- Develop a tool to predict rejection trends with access to the unexplored data of the patent filing process (e.g. blocking actions, communication with the USPTO)
- Work specifically on the Motorola portfolio to assess the value of each patent

UC Berkeley, United States
(Nov. 2015 – May 2016)

ORANGE SILICON VALLEY
Data Analyst Intern
- Build a tool using Python to analyze Twitter data and its correlation with the stock markets
- Organized the Orange Institute 14th session (think tank on innovative Silicon Valley trends designed for European executives) in collaboration with local companies, e.g. Github, Intel, Silicon Valley Bank

San Francisco, United States
(March 2015 – July 2015)

ROTHSCHILD&CIE
Mergers & Acquisitions Analyst Intern
- Built financial models on a $3,7bn buy-side mandate for Publicis (Sapient acquisition)
- Drafted pitch books, e.g. on a buy-side mandate for a France-listed pharmaceutical company (includes industry research, financial analysis and valuations) and press releases
- Presented results to high hierarchy levels (up to global partners) and worked efficiently under very tight timelines

Paris, France
(July 2014 – Dec. 2014)

UNIVERSITY OF MINAS GERAIS, ESCOLA DA ENGENHARIA
Research Assistant, Hydraulic Laboratory
- Created a new set of performance indicators in sanitation using the TOPSIS method (multi-criteria decision making) while adding wastewater treatment in the scope
- Optimized the investments in the water networks of the 20 poorest catchments of Belo Horizonte

Belo Horizonte, Brazil
(April 2013 – August 2013)

SKILLS AND INTERESTS

Computer: R, Python, MySQL, Bloomberg, Factset
Languages: French (native), English (fluent), Portuguese (advanced), German (moderate)
Tutoring: Tutor in Mathematics for Classes Preparatoires students
Associations: Scouting for 11 years (managed a 32-teenager troop for 2 years)

Travels: Brazil, United States, England, Spain, Ireland
Sports: Horseback riding, high level competition
Soccer (ENPC women's soccer team, captain of the College Stanislas team)