

# VINCENT BOUCHET

## EDUCATION

2018 - present

### Doctoral Student

Ecole polytechnique - Management Research Center

- *Supervisors : Prof. Nicolas Mottis and Prof. Patricia Crifo*
- Thesis subject : Integration of climate issues into financial risk management
- Member of the Sustainable Finance and Responsible Investment Chair

2016-2017

### Professional Master's Degree Corporate and Market Finance

Graduate Business Institute (IAE Grenoble) - **High Honours – Class Major**

- Options, Futures and other derivatives: Pricing and strategies on Fx / Equity / Interest Rate markets
- Portfolio management : performance evaluation, interest rate models
- Risk management : Banking regulation, Credit Risk Management, stress tests
- Mergers and Acquisitions : company valuation, strategic and financial impact, corporate taxation
  - Master thesis subject : "*The use of Artificial Intelligence and neural networks in Financial Markets*"
  - Winner of the IAE Grenoble negotiation competition

2015-2016

### Master's Degree in Management Sciences

University Paris Saclay - **Highest Honours - Class Major**

- Accounting and corporate taxation
- Strategic diagnosis : PESTLE analysis, Porter model, SWOT, BCG matrix
- International marketing and management : case study on Danone, Valeo

2009-2013

### Mountain Guide Degree

Ecole Nationale de Ski et d'Alpinisme (Chamonix) - **High Honours**

2007-2009

### Two Years Technical University Degree Mechanical engineering

University Paul Sabatier (Toulouse) - **High Honours**

2004-2007

### Scientific "Baccalauréat", Engineering Sciences

Lycée Pierre Paul Riquet - **Highest Honours**

## EXPERIENCE

2018 - present

### Doctoral student -CIFRE contract

Caisse des dépôts group - Responsible Investment department - NBI > 1 900 M€

- Research on climate issues and finance
- Development of a credit-risk model based on scenario analysis

2017

6 months

### Middle-Office Derivatives Products OTC

Exane Derivatives - Financial Markets - NBI > 478M€

- Front office models validation, confirmation terms control on Fx / Equity / Rates derivative products
- Cash-flow calculation relative to OTC derivative products using Bloomberg / Excel
- Collateral management : margin call calculation / management with counterparties
- VBA development to improve reports on OTC activity

2015-2016  
10 months

### Retail Manager Europe

Entreprise - Sporting goods - TO>20M€

- Management of 5 employees - Sales monitoring - Turnover>1M€
- Financial and risk study, strategic diagnosis for 3 development projects
- Personal Protection Equipment (PPE) service center Manager
- *20% turnover increase - PPE serviced from 10 to 50 / month*

2014-2015  
22 months

### Research and Development Manager for Bolt-on Holds

Entreprise - Sporting goods - TO>20M€

- Project Manager : Development of a connected object for indoor climbing
- Implementation of public funding for 5 R&D projects on 2 years
- Design and 3D modeling (Blender, SolidWorks) of new bolt-on Holds
- *Connected object prototype approved - 5 new product launches*

Since 2013

### Mountain Guide

Liberal Profession

- 120 mountain trips organized : mountaineering, skiing, rock climbing
- 16 ascents of Mont-Blanc (15780 ft)
- 5 Training sessions as Certified French Alpine Club (CAF) Instructor

2012  
4 months

### Research and Development Technician

Simond - Sporting goods - TO>5M€

- Design of a new karabiner for rock climbing ( 3D modeling and calculation)

2009  
4 months

### Aeronautical Technician

ST3D - Aeronautics - TO>2M€

- 3D modeling of spare parts of a cockpit for military plane (A400M)

## SKILLS

### Data Analysis

- Excel
- VBA
- R / Python / SQL (Oracle)

### Languages

- French : native language
- English : fluent, **Bullat C2**
- Spanish : fluent

### Communication

- Word
- PowerPoint
- Prezi

## INTERESTS

### Travels

- Bolivia, Peru
- South Africa, Turkey
- Central and Western Europe

### Sport

- Rock Climbing, Alpinism
- Ski touring
- Paragliding

### Technology

- Complete renovation of a house (2012-2014)
- Start-Up week-ends
- Big Data

## CERTIFICATES

MOOC completed on <https://www.edx.org/>

- Data Science Essential (Microsoft)
- Introduction to Python for Data Science (Microsoft)
- Statistical Thinking for Data Science (ColumbiaX)
- Analyzing Data with Excel (Microsoft)