

# Imane FARHAT

Boulevard des Maréchaux, Résidence 72, 72.20.15, Palaiseau 91120, France  
+33 (0)6 05 62 56 76 | imane.farhat@polytechnique.edu

## EDUCATION

---

2017 –  
Present

### **ECOLE POLYTECHNIQUE, Paris, France**

*Diplôme d'ingénieur (Master's degree in Engineering) Specializing in Applied Mathematics*

Second year student at France's leading school of science and engineering (GPA : 3.98/4.00).

- Applied mathematics: statistics, probabilities, stochastic models in finance, optimisation.
- Computer science: advanced programming, algorithmic and data analysis, massive data processing.
- Economics: microeconomics, corporate finance.

2014 – 2016

### **PREPARATORY CLASSES Moulay Youssef, Rabat, Morocco**

*MPSI/MP\*, Mathematics and physics, A+*

A two-year intensive programme in science to prepare for nationwide competitive exams.

## PROFESSIONAL EXPERIENCE

---

June 2018 –  
Present

### **BNP PARIBAS, London, UK**

*Student researcher in a group project*

- Working on the use of AI for trade anomaly detection.
- Exploring the use of unsupervised learning for anomaly detection in counterparty exposure profiles.
- Detecting structural changes in P&L of a derivatives portfolio.

April 2018 –  
Present

### **X-FINANCE, Paris, France**

*Quantitative analyst in an investment fund in partnership with Edmond de Rothschild*

Using algorithmic trading techniques to manage a portfolio of a total value of 80k€.

April 2018 –  
Present

### **ECOLE POLYTECHNIQUE, Paris, France**

*Oral examiner in mathematics and physics for undergraduate students*

Sept 2017 –  
March 2018

### **LYCEE JANSON DE SAILLY, Paris, France**

*Oral examiner in mathematics and physics*

- Administered and delivered classes to preparatory classes students.
- Served on the board of the institution and on the class councils.

## SKILLS, ACTIVITIES & INTERESTS

---

**Languages:** French and Arabic (bilingual), English (fluent), German (intermediate).

**Software:** Python, Java, C++, R, SQL, Hadoop, Matlab, Latex, Microsoft Office.

**Interests:** Piano (for more than 4 years), horse-riding (6 hours a week), football (member of the female football team at Ecole Polytechnique), rock dance.