

# Hamouchi Yacine

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## EDUCATION

### Mines de Nancy and Lorraine University

Nancy, France

Double Degree Master's level in Financial Mathematics and Master of Science in Financial Mathematics "IMSD".

2018 - 2019

- **Relevant Coursework:** Financial Mathematics / Stochastic Modeling / Economics and Finance / Theory of Games / Databases and SQL.

### Mines de Douai

Douai, France

Engineering degree – civil engineering option

2016 - 2019

- **Honors:** top 2% in Mathematics
- **Relevant Coursework:** Analysis - Probability / Data analysis / Algorithms / Statistics

### Lycée Fenelon

Paris, France

Intensive Undergraduate Studies to prepare competitive exams to French Engineering Schools

2013 - 2016

- **Honors:** Ranked 1<sup>st</sup>
- **Relevant Coursework:** Mathematics / Physics / Computer Science

## WORK & LEADERSHIP EXPERIENCE

### Eiffage Construction

La Défense, Paris, France

Assistant Engineer, PB 20-21 Project

June – Sept 2018

- Assistance in the study and follow-up of the works for the renovation of a building
  - Mission #1
    - Making a schedule, which resulted in more efficiency and helped teams.
  - Mission #2
    - Making and controlling cost estimates which made the project possible.
  - Mission #3
    - Managing a team of 10 workers, affecting tasks to each worker every day and solving on-site problems.

### Mines Douai

Douai, France

Research project

Jan 2018 – May 2018

- Development of a model and a graphical interface in Java for concrete formulation
- Led team's efforts to do experiments which resulted in a comparison between the model and the reality.

### Mines Nancy

Nancy, France

Research project

oct 2018 – Feb 2019

- Parameter estimations of the sticky Brownian motion which is a generalization of the Brownian motion used in Finance.

## SKILLS & INTERESTS

**Languages:** Conversational Proficiency in English / Educational level in German

**Technical Skills:** Java / Python / SQL / Matlab / R / HTML / CSS

**Interests:**

- Theater : Play in the School's Theater club for 2 years which allowed me to play in front of the school at the end of every year.
- Sport : Practiced karate in a competitive way for 7 years. Gained a huge determination necessary to attain my goals and accomplish my projects thanks to competitions. Won an interdepartmental tournament.
- Association : volunteer in the AFEV which aims to help children with academic difficulties, but also to find their place in society. I coached a child during 1 year.