

Yanis TAZI • French citizen • 23 years old
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EDUCATION

- 2015 - 2019 **Mines Paris Tech Engineering School (#2 French Engineering School) - Paris (France)**
- Master's degree in Data Science & Geostatistics
 - Relevant courses: i) Advanced Stochastic Process, ii) Computer Science, iii) Quantum , Statistics and Nuclear Physics iv)Advanced Applied Mathematics v)Economics vi) Electronics
- 2016 - 2017 **National University of Singapore - Singapore (Singapore) Exchange Program**
- Master in Probability and Statistics **GPA: 4.0/4.0**
 - Relevant courses: i) Mathematical finance, ii) Stochastic process, iii) Complex Analysis
- 2012 - 2015 **Paris-Dauphine University (Top 3 French Universities) - Paris (France)**
- Bachelor of Science with **Honors**
 - Core subjects: i) Mathematics, ii) Computer Science, iii) Theoretical Grounding in Applied Mathematics, iv) Micro & Macroeconomics, v) Econometrics, vi) Finance, vii)Game Theory
- 2014 - 2015 **UQAM University (Top 5 Canadian Universities) - Montréal (Canada) Exchange Program**
- Exchange program in semester 5, majoring in mathematics **GPA 4.0/4.0**
 - Relevant courses: i) Statistics , ii)Probability ,iii) Group Theory, iv) Advanced Algebra
- 2005 - 2012 **Lyautey High School - Casablanca (Morocco)**
- Scientific French General Baccalaureate, specialized in mathematics with Honors

EXPERIENCE

- July 2018- **Deep Learning Computer Vision Project , Data Challenge JFR 2018 - Paris (France)**
- **CNN algorithms for breast cancer detection with MRI images**: Preprocessing steps,Data Augmentation, Transfer Learning and fine-tuning hyper parameters
- January 2018 -June 2018 **Internship Equity Derivatives Trading-Data Science,Société Générale New-York (USA)**
- **Research Paper**: Pricing Prediction Algorithms , News Detection, Repo Predictions(Python with *Machine Learning Models*)
 - Development of Pricing and Optimization Algorithms for structured securities finance and indexation(Python)
 - Market Opportunities ,Risk & PnL Analysis,Developing/back-testing new strategies(Python)
- June 2017- December 2017 **Off-Cycle Internship Research and Data-Science , Convertize - London(UK)**
- **White Paper**: Reducing A/B Test Duration for various Marketers creating a new model of Significance Level with weighted Welch's t-Test.
 - Set up Machine Learning Algorithms : Content-Based and User-Based Recommendation Systems, Predictive Notifications & Clustering Models.
 - Optimizing Traffic Allocation Algorithms : new approach of Multi-Armed Bandit
- January 2017 - May 2017 **Mechatronics Project, IRCAM POMPIDOU - Mines ParisTech (France)**
- Design and manufacture of a morpho-realistic robot reproducing the human voice(5 months).
- February 2016 - March 2016 **Supply Chain ,Vente-Privée - Paris (France)**
- Modeling and improving the warehouse reception process (2 months).
- November 2015 - January 2016 **Consulting Project, AP-HP Hôpitaux de Paris -Mines Paris Tech (France)**
- Software Tool Development to help nurse coordinator to manage patients in the area of supportive care

MISCELLANEOUS

- Languages** French (Native), English & Spanish (Fluent)
- IT skills** Python ,R, Java , SQL,VBA, Excel, Microsoft Word, PowerPoint, Publisher, Office Suite
- Associative and Hobbies** (i) Student Government Association, (ii) Club Finance, (iii) VP Boxing,Soccer,Fitness
- Volunteering** (i) "Ftour Bab Rayan" Association, (ii) Phuket Zoo
- Built a team of and prepared food for more than 1000 people in need, fed animals

