

Yanis TAZI • French citizen • 24 years old

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• <https://github.com/yanistazi>

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 Statistics and Stochastic Process, ii) Computer Science, iii) Advanced Physics iv) A.I v) Deep Learning vi) Electronics vii) Economics
- 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, ivi) 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)** mathematics with Honors

EXPERIENCE

- April 2019- Last Internship **Machine Learning Oncology, Memorial Sloan Kettering Cancer Center New-York (USA)**
- July 2018-October 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

Publication <https://www.amazon.co.uk/Testing-Statistical-Approach-Frequentist-Bayesian/dp/1980408297>

IT skills Python, R, Java, SQL, VBA, LaTeX, Github, JSON, Dicom, NIfTI

Languages French (Native), English & Spanish (Fluent)

Associative, Hobbies (i) Student Government Association, (ii) Club Finance, (iii) VP Boxing, Soccer, Fitness

Volunteering (i) "Ftour Bab Rayan" Association, (ii) Phuket Zoo

