

Michaël Resplandy

Education

- 2017-2021 **Polytechnician Engineering Program**, *Ecole Polytechnique*, Palaiseau, French Leading School of Engineering.
- Applied Mathematics: Numerical approximation and optimization, Probabilities, Modeling of Random Phenomena, Control of Dynamic Models, Random Numerical Simulation around rare events (Python language)
 - Computer Science: Programming and Algorithmics (Java language)
 - Economics: Microeconomics and Business Economics
 - GPA score at the end of the first year : 3.74
- 2015-2017 **Post Secondary Preparatory Classes**, *Lycée Hoche*, Versailles.
- A two year intensive university-level program to prepare for nationwide competitive exams
 - Subjects studied: Mathematics, Physics and Computer Science (Python and SQL languages)
- 2009-2015 **Franco-German Scientific Baccalaureat**, *Lycée Franco-Allemand*, Buc.
- Competitive Recruitment Examination
 - Bilingual A-level equivalent valid in both countries France and Germany

Projects and Experiences

- 2018-2019 **Machine Learning Team Project**.
Creating a Music Recommendation System for a French Commercial Music Service (Qobuz, World Leader in High-Quality sound).
- 2018-2019 **Teaching Assistant in Mathematics**.
Preparing student for Examinations to the French 'Grandes Ecoles'.
- 2017-2018 **French Officer**, *Section Head in 515 Régiment du Train*.
Training and Supervision of young recruits, participation in the training of the soldiers, developing soft skills such as Leadership, Adaptability, Courtesy and Responsibility.

Skills

- Languages French: Mother Tongue,
English: Professional working proficiency (TOEIC score: 975)
German: Professional working proficiency
- Programming Python: Proficient (including Tensorflow, Pandas, NumPy, Matplotlib librairies),
languages Java: Proficient

Extra curricular activities

- Sports Boxing four hours a week, preparing for universities contests
Tennis (10 years of practice), Skydiving (10 jumps so far)
- Music Piano (9 years of practice)
- Student President of the Leisure Society: Management of an arcade room (including expensive equipment),
Societies Member of the Poker Society: Organization of weekly poker sessions