Job Description : Risk Neutral Economic Scenarios

Job Title: Market Risk junior analyst	**Report to:** Head of Risk Neutral scenarios
Organization: AXA GIE	**Department:** Group Risk Management
Professional Family: **Sub Family:** Finance / Investment Risk Management / Risk Modelling	**Type of contract/Term of assignment** 18 months VIE/stage
	Starting date: 1st May 2016 Good Compensation (salary + accommodation)
Location: Winterthur (Switzerland)	**Contact:** nicolas.vilhelmsen@axa.com

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Context

- Within the Group Risk Management of AXA, the Risk Modelling and Reporting team (RMR) is responsible for the development of the internal model (Solvency II framework) and the production of capital requirement. The team is located in Winterthur/Switzerland.
- The team produces Long Term Economic scenarios which are used by all AXA entities for the calculation of their European Embedded Value

Mission – Job purpose

- The goal of the position is to calibrate and generate risk neutral scenarios that are used by AXA Group and entities for EEV calculation
- The intern will be responsible for a couple of AXA entities, with regular interactions with local risk management and actuarial teams

Main Activities

- Calibration and generation of long term economic scenarios for AXA entities. This is performed on a quarterly basis.
- Production of the Risk Neutral Economic targets. This includes the calculation of the Solvency II Curve, as well as the reporting of all market data (Spreads, FX rates, etc…).
- Improve the modeling of the different asset classes.
- Support the development of tools and automation of the processes, including the maintenance of a MySQL database.

Profile

- Background:
    - A first experience in financial sector and/or quantitative research during studies would be a plus
    - Engineering degree from French "Grande Ecole"

- Technical skills:
    - A basic knowledge of Financial Mathematics is mandatory.
    - General knowledge about financial instruments and financial models.
    - Programming skills. VBA is mandatory, MySQL is a plus.

- Personal capabilities:
    - Ability to steer a project in a multi-cultural environment
    - Good command of English (oral & written)