

Job Description : Real World Economic Scenarios	
Job Title: Market Risk junior analyst	Report to: Head of Real World 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

Context
<ul style="list-style-type: none"> ➤ 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. ➤ AXA internal model relies on VaR methodology to assess market risks
Mission – Job purpose
<ul style="list-style-type: none"> ➤ The goal of the position is to calibrate and generate real world scenarios that are used by AXA Group and entities for solvency capital calculation ➤ The intern will have to generate scenarios at each quarter, and help entities in the assessment of the VaR
Main Activities
<ul style="list-style-type: none"> ➤ Calibration and production of real-world economic scenarios for AXA entities in order to calculate their Value-at-Risk of AXA Group on a quarterly basis. ➤ Enhancement of the modeling of the different asset classes. Work on new models (e.g. negative interest rates). ➤ Works in close interaction with Group Investment team, to assess Market Risk of new investment strategies (e.g. Fixed Income investment in emerging countries) ➤ Support the development of tools and automation of the processes
Profile
<ul style="list-style-type: none"> ➤ <u>Background:</u> <ul style="list-style-type: none"> ○ A first experience in financial sector and/or quantitative research during studies would be a plus ○ Engineering degree from French “Grande Ecole” ➤ <u>Technical skills:</u> <ul style="list-style-type: none"> ○ Understanding and interest in financial models & stochastic processes ○ Basic knowledge of financial instruments (fixed income, derivatives) ○ Good knowledge of Excel, VBA is a plus ➤ <u>Personal capabilities:</u> <ul style="list-style-type: none"> ○ Ability to steer a project in a multi-cultural environment ○ Flexibility and capacity to work under pressure ○ Good command of English (oral & written)