# MEHDI-BORIS BOUHALI

## **ACTUARY & PYTHON DEVELOPER**

#### **ACTUARIAL SPECIALIST & PYTHON DEVELOPER**

Feb 2019 - Present

Vaudoise Assurances / Lausanne - Switzerland Member of the Product Development team.

- Designing new products and implementing new processes,
- Project Management,
- · Writing technical specifications,
- Configuring management systems and creating test plan,
- Developing calculation and simulation tools in Python (portfolio control, profit testing, user interface, ...),
- Technical support for line activities,
- Analyzing, maintaining and monitoring the integrity of management systems (data analysis with Python).
- Supervision of interns

#### **ACTUARY**

Jul 2018 - Sep 2018

CPEG / Geneva - Switzerland

• Member of the team in charge of the development and tests of an IT application calculating the services provided by the pension fund (transfer, invalidity, projection, ...).

## **EXCHANGE STUDENT**

Jan 2016 - Jun 2016

University of Toronto / Toronto - Canada

• Research conducted on String & Quantum Field Theory.

#### **TEACHING ASSISTANT**

Sep 2014 - Jun 2016

University of Geneva / Geneva - Switzerland

• In charge of Physics Laboratories for Biology undergraduate.

### M.SC ACTUARIAL SCIENCE

Sep, 2017 - Jun, 2019

HEC University of Lausanne / Lausanne - Switzerland

• Master Thesis : Development of a Python tool based on a generalized life insurance model.

#### M.SC. THEORETICAL PHYSICS / B.SC. PHYSICS

Sep, 2012 - Jun 2016

University of Geneva / Geneva - Switzerland

• Master Thesis : Study of Rotation of Gravitational Waves by intervening mass distribution.

#### PREPARATORY CLASS FOR ENGINEERING SCHOOLS

Sep, 2010 - Jun 2012

School Vaugelas / Chambéry - France

- Section MP (Mathematics Physics).
- Intensive program preparing for the national competitive exam for entry to engineering schools.



# **MY PROFILE**



15.02.1992



Switzerland



xxx@gmail.com



+ xx-xxx-xx-xx



Work Permit - B



Driving licence

## LANGUAGE SKILLS

French - Native Speaker

English - C1 - Professional Proficiency

Spanish - B1 - Basic knowledge

## **PRO SKILLS**

C++

CSS

HTML

LATEX

PYTHON

REACT

VBA